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Méthode pratique pour l'estimation des débits de pointe à partir des débits journaliers moyens et application à des cours d'eau de l'Ontario

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Résumé

Le présent rapport propose une méthode pratique d'estimation des débits de pointe. Les variables employées sont les débits journaliers moyens de trois jours consécutifs, le débit journalier moyen maximal occupant la position médiane. Un paramètre ayant une valeur entre zéro et deux joue le rôle de facteur de base «K»; ce paramètre a une influence déterminante sur l'estimation du débit de pointe. Dans l'équation de prévision employée, on a posé K égal à 1.

La méthode a été appliquée à des cours d'eau de l'Ontario dont le bassin de drainage a une superficie de moins de 1 km^2 à plus de 100 000 km^2. Au total, 387 stations équipées de débitmètres enregistreurs ont participé. Au cours de la période d'observations se terminant en 1979, 3946 pointes ont été enregistrées. Les écarts entre les valeurs réelles et les valeurs prévues ont été de ±10 % dans environ 57 % des cas et de ±20 % dans environ 79 % des cas. Environ 62 % des pointes prévues dépassaient les valeurs réelles. Le paramètre K doit être estimé pour les crues dues aux précipitations dans les petits cours d'eau. Sa valeur est généralement inférieure à un dans ce cas. On propose des méthodes pour son estimation.

Abstract

A practical method has been suggested for estimating peak flow. The method uses variables that are the mean daily flows of three consecutive days, with the maximum mean daily flow occupying the middle position. A parameter, the value of which lies between zero and two, is designated as base factor K and has a governing influence on the estimated peak. The predicting formula employed assumes that the K value is equal to one.

The method has been applied to streams in Ontario, involving a total of 387 stations equipped with recording gauges, the drainage areas of which vary from less than 1 km^2 to more than 100 000 km^2. The number of instantaneous peak data available was 3946 in the period of record ending in 1979. About 57% of the predicted peaks lie within ±10% and about 79%, within ±20% of the actual values. About 62% of the peaks have been overpredicted. The parameter K must be estimated for rainfall floods occurring on small streams; its value will generally be less than one for such cases. Some methods are suggested for its estimation.

Liste des symboles

A	bassin de drainage, formule de Fuller
A-1	superficie de l'hydrogramme triangulaire le jour -1
A0	superficie de l'hydrogramme triangulaire le jour 0
A+1	superficie de l'hydrogramme triangulaire le jour +1
A+2	superficie de l'hydrogramme triangulaire le jour +2
A±N	superficie de l'hydrogramme triangulaire le jour ±N
Jour-1	un jour avant le jour de pointe
Jour 0	jour de pointe
Jour+1	un jour après le jour de pointe
Jour+2	deux jours après le jour de pointe
Jour±N	N jours après/avant le jour de pointe
K	facteur de base, équation 2
Q	débit journalier moyen maximal, formule de Fuller
Q(max)	débit de pointe, formule de Fuller
Q1	débit journalier moyen un jour avant Q2
Q2	débit journalier moyen maximal correspondant au débit de pointe
Q3	débit journalier moyen un jour après Q2
QD	débit journalier moyen maximal pour l'année ou à l'intérieur d'un hydrogramme triangulaire
QP	débit de pointe enregistré ou à l'intérieur d'un hydrogramme triangulaire
QP'	débit de pointe théorique
QPP	débit de pointe prévu
R	rapport QP/QPP
T_b	longueur de base de l'hydrogramme triangulaire
T_p	heure de l'élévation dans l'hydrogramme triangulaire
T_r	heure de la chute dans l'hydrogramme triangulaire
X	superficie partielle dans l'hydrogramme triangulaire le jour du débit de pointe avant la pointe
Y	superficie partielle de l'hydrogramme triangulaire le jour du débit de pointe après la pointe
h	hauteur de l'hydrogramme triangulaire, figure 6
r^2	coefficient de détermination
α	extension de Q1 dans Q2, figure 6
α'	extension de Q3 dans Q2, figure 6
Indice de la pointe	jour de pointe par rapport au jour de débit maximal

Méthode pratique pour l'estimation des débits de pointe à partir des débits journaliers moyens et application à des cours d'eau de l'Ontario

B.P. Sangal

INTRODUCTION

Les études hydrologiques exigent souvent la détermination du débit de pointe à un endroit donné. Les données sur les débits publiées n'offrent souvent que les débits journaliers moyens sauf pour les stations équipées de débitmètres enregistreurs et pour lesquelles des débits de pointe sont indiqués. Cependant, les données sur les débits de pointe sont très limitées, et le plus souvent, les recherches doivent s'appuyer sur les débits journaliers moyens. Ces débits peuvent varier considérablement par rapport aux valeurs de pointe selon les caractéristiques de la crue et du bassin versant. Ainsi, des valeurs nominales, obtenues à partir des débits journaliers moyens maximaux plutôt que de débits de pointe, peuvent être fort erronées, particulièrement quand il s'agit de petits bassins versants.

L'estimation des valeurs de pointe à partir des débits journaliers moyens a toujours posé un problème en hydrologie. Fuller (1914) a proposé une formule reliant la valeur de pointe au débit journalier moyen maximal et au bassin de drainage. Jarvis *et al.* (1936) ont présenté de nombreuses données sur le débit de pointe, le débit maximal d'un jour civil et le débit maximal de 24 h. Les auteurs ont conclu que les données ne permettaient pas une analyse générale. Cependant, ils ont avancé qu'une approximation raisonnable de la valeur de pointe était possible en portant en ordonnée les débits journaliers moyens et en traçant un hydrogramme de façon que les volumes moyens exacts soient maintenus. De toute évidence, cette méthode est subjective et n'est pas appropriée pour les petits hydrogrammes. Langbein (1944) a également tenté, mais sans succès, de résoudre le problème. Étant donné que les seules méthodes hydrologiques utilisables sont celles de Fuller et de Langbein, elles sont brièvement décrites dans les sections ci-dessous.

MÉTHODE DE FULLER

L'une des premières et des plus importantes études du problème a été réalisée par Fuller (1914). Il a recueilli des données sur les crues dans 24 bassins fluviaux de l'est des États-Unis. La superficie de drainage de ces bassins variait de 1.18 à 58 530 mi^2. Il a représenté, sur papier logarithmique, le rapport de l'excès de la valeur de pointe sur le débit journalier moyen maximal et du débit journalier moyen en fonction de la superficie de drainage et il a tracé une courbe «moyenne». Cette courbe a donné l'équation suivante:

$$Q(max) = Q(1 + 2A^{-0.3})$$

où Q(max) = débit de pointe (pi^3/s),
Q = débit journalier moyen maximal, et
A = superficie de drainage (mi^2).

Un examen de la planche XII de cet auteur indique que la relation présente une partialité personnelle considérable. Statistiquement, la relation entre la superficie de drainage et le rapport $(Q(max)-Q)/Q$ est très faible, le coefficient de détermination r^2 étant de 0.45. L'utilisation généralisée de la formule s'explique par sa simplicité et l'absence de toute autre approche.

APPROCHE DE LANGBEIN

Pour tracer son graphique, Langbein a eu recours à des données sur les débits de pointe et les écoulements journaliers moyens correspondants. Son approche n'a pu être étudiée à fond, faute de disposer de la publication originale. Cependant, le graphique est présenté dans *Applied Hydrology* par Linsley *et al.* (1949). La relation entre le débit de pointe et le débit journalier moyen maximal ainsi que l'heure du débit de pointe sont présentées en fonction du rapport du débit moyen le jour au débit le plus élevé sur le débit moyen les jours précédant et suivant immédiatement le jour au débit le plus élevé. Les lacunes de cette approche apparaissent si l'on considère les débits moyens de trois jours consécutifs dans un petit bassin, par ex. 20, 30 et 20 pi^3/s, et dans un grand bassin, par ex. 2000, 3000 et 2000 pi^3/s. Dans les deux cas, le graphique donne des rapports de 0.67 pour les jours qui précèdent et qui suivent, produisant un rapport de 1.1 entre le débit de pointe et le débit journalier moyen maximal, avec une heure de débit de pointe qui se situe vers 9 h. Dans le cas d'un petit bassin, ce rapport pourrait être considérablement plus élevé. L'heure du débit de pointe est

également difficile à estimer. Pour ces raisons, les graphiques généraux de ce type ne peuvent être utilisés que comme guides, et il ne faut pas s'attendre qu'ils donnent des résultats exacts.

Cet exposé montre qu'il n'existe pas de technique appropriée pouvant donner une estimation fiable du débit de pointe à partir des caractéristiques du bassin et (ou) des valeurs connues des débits journaliers moyens. L'objectif de la présente étude était d'examiner ce problème plus à fond et d'évaluer les possibilités d'amélioration des techniques existantes.

RELATION ENTRE LE DÉBIT DE POINTE ET LE DÉBIT JOURNALIER MOYEN MAXIMAL

Examinons l'hydrogramme triangulaire de la figure 1. Les symboles utilisés sont les suivants:

T_p	= temps en heures depuis le début de l'élévation jusqu'à la pointe
T_r	= temps en heures depuis la pointe jusqu'à la fin du triangle
T_b	= base de l'hydrogramme ($= T_r + T_p$)
PP'	= vitesse de pointe supposée équivalente à 1 (pi^3/s ou m^3/s)
JOUR −1	= jour du relevé la veille du jour de pointe
JOUR 0	= jour de pointe
JOUR +1	= jour du relevé le lendemain du jour de pointe
JOUR +2	= jour du relevé deux jours après le jour de pointe
JOUR ±N	= jour du relevé N jours après/avant le jour de pointe
A−1	= superficie (ou volume) le jour − 1
A0	= superficie le jour 0
A+1	= superficie le jour +1
A+2	= superficie le jour +2
A±N	= superficie le jour ±N
X	= superficie avant le débit de pointe le jour 0
Y	= superficie après le débit de pointe le jour 0
X+Y	= A0
Indice de la pointe	= 0 si le débit de pointe se produit le même jour que le débit journalier moyen maximal. Si le débit de pointe se produit la veille, l'indice est − 1.

Le nombre de jours de relevé est équivalent à la longueur de base en jours ou est excédentaire d'une unité. Toute portion de la longueur de base inférieure à 24 h représente une journée. Par exemple, un hydrogramme dont la longueur de base est de 36 h est divisé en deux ou trois jours selon la situation du débit de pointe.

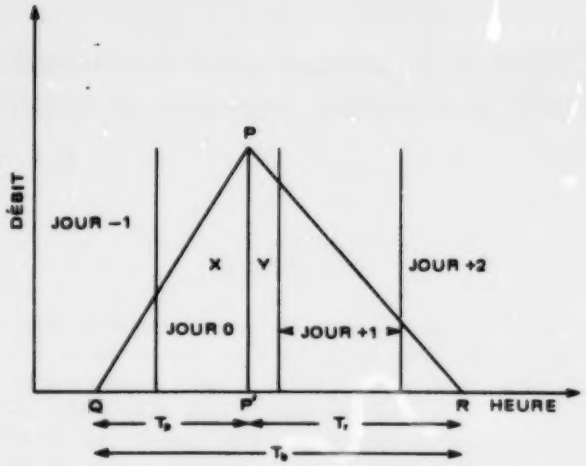

Figure 1. Diagramme d'un hydrogramme triangulaire.

Le rapport du débit de pointe (QP) sur le débit journalier moyen maximal (QD) dépend de trois facteurs: (1) longueur de base; (2) tracé de l'hydrogramme, défini comme T_p/T_r; et (3) l'heure du débit de pointe. En variant ces facteurs, il est possible d'étudier les écarts du rapport QP/QD dans une gamme étendue d'hydrogrammes. En ce qui concerne l'hydrogramme triangulaire considéré, le débit journalier moyen d'un jour donné est obtenu en divisant la superficie (ou le volume) examiné ce jour-là par 24, où la longueur de base est représentée en heures. Les calculs ont été effectués par ordinateur dans le cas d'une longueur de base de 3 à 72 h, T_p/T_r variant de 0 à 24 h. Le tableau 1 présente un échantillon abrégé quand la valeur de $T_p/T_r = 0.60$ ($T_r/T_p = 1.67$) et la longueur de base, 24 h. La superficie totale de cet hydrogramme est de 12 unités (pi^3/s-heures ou m^3/s-heures).

Le tableau 1 montre que, dans le cas de l'hydrogramme considéré, le rapport du débit de pointe sur le débit journalier moyen maximal est minimal quand l'écoulement de pointe se produit à 9 h, la valeur étant équivalente à 2. Le rapport est maximal quand le débit de pointe se produit à environ 22 h 25, la valeur étant égale à 4. Il est à remarquer que c'est le lendemain d'un maximum que se produit le débit journalier moyen maximal.

Les figures 2 à 5 présentent les rapports du débit de pointe sur le débit journalier moyen maximal pour différents types d'hydrogrammes. Les longueurs de base sont de 6, 12, 24, 48 et 72 h et les rapports T_p/T_r sont de 1, 0.8, 0.6 et 0.4. Les flèches dans ces figures indiquent les positions des rapports maximaux suivis le lendemain par le débit journalier moyen maximal et une diminution du

Tableau 1. Variation de QP/QD selon l'heure du débit de pointe pour un hydrogramme triangulaire quand T_b = 24 h et T_p/T_r = 0.6

Heure du débit de pointe (h)	A-1	X	Y	AO	A+1	QD	Indice de la pointe	QP/QD
0	4.50	0	7.50	7.50	0	0.31	0	3.20
3	2.00	2.50	7.50	10.00	0	0.42	0	2.40
6	0.50	4.00	7.50	11.50	0	0.48	0	2.09
9	0	4.50	7.50	12.00	0	0.50	0	2.00
12	0	4.50	7.20	11.70	0.30	0.49	0	2.05
15	0	4.50	6.30	10.80	1.20	0.45	0	2.22
18	0	4.50	4.80	9.30	2.70	0.39	0	2.58
21	0	4.50	2.70	7.20	4.80	0.30	0	3.33
22:25	0	4.50	1.50	6.00	6.00	0.25	0	4.00
23	0	4.50	0.97	5.47	6.53	0.27	-1	3.67
24	0	4.50	0	4.50	7.50	0.31	-1	3.20

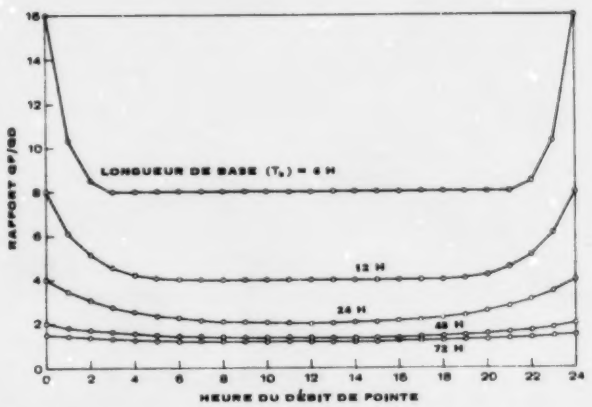

Figure 2. QP/QD en fonction de l'heure du débit de pointe quand T_p/T_r = 1.0.

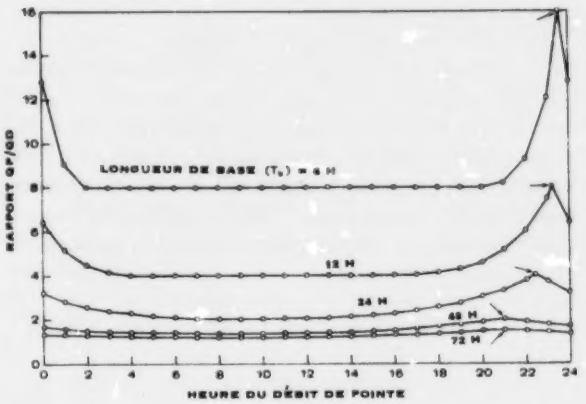

Figure 4. QP/QD en fonction de l'heure du débit de pointe quand T_p/T_r = 0.6.

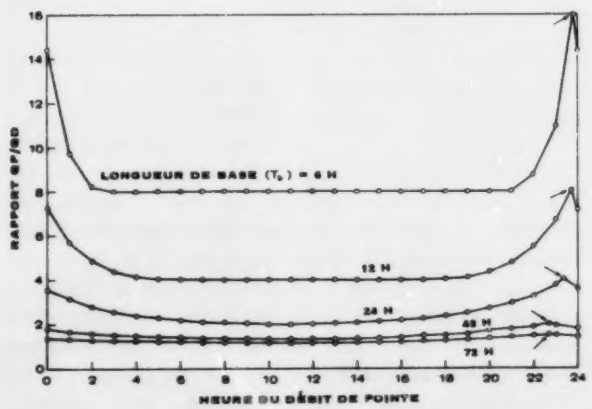

Figure 3. QP/QD en fonction de l'heure du débit de pointe quand T_p/T_r = 0.8.

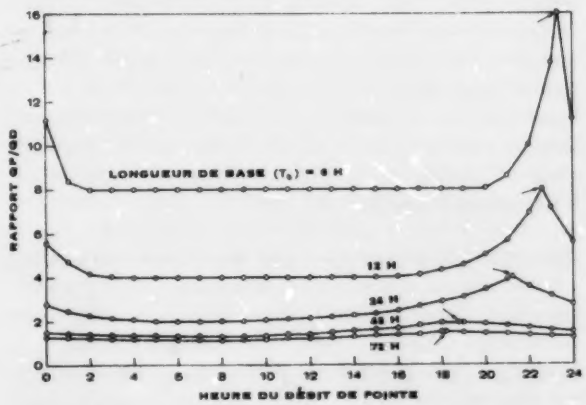

Figure 5. QP/QD en fonction de l'heure du débit de pointe quand T_p/T_r = 0.4.

rapport. Les caractéristiques suivantes de ces diagrammes sont à remarquer:

(1) Les rapports maximaux et minimaux de QP/QD sont indépendants des rapports T_p/T_r. Ils ne dépendent que de la longueur de base.
(2) Les rapports maximaux QP/QD pour tous les rapports T_p/T_r sont de 16, 8, 4, 2 et 1.5 dans le cas de longueurs de base de 6, 12, 24, 48 et 72 h, respectivement.
(3) Les rapports minimaux QP/QD pour tous les rapports T_p/T_r sont de 8, 4, 2, 1.33 et 1.2 dans le cas de ces longueurs de base, respectivement.
(4) L'heure de survenue des rapports minimaux et maximaux varie selon les différents types d'hydrogrammes.
(5) Il n'existe qu'une heure de débit de pointe pour laquelle le rapport est maximal. Le rapport minimal peut être obtenu pour un débit de pointe qui dure pendant une période considérable de la journée.

Dans les analyses qui précèdent, le débit initial du courant équivalait à zéro. De même, les résultats ne peuvent être utilisés que si l'on connaît la base et la forme de l'hydrogramme ainsi que l'heure du débit de pointe. Le plus souvent, ces données ne sont pas disponibles, et par conséquent l'utilité pratique des résultats est limitée. Pour se servir des données disponibles qui offrent seulement les débits journaliers moyens, il faut utiliser une approche modifiée. Cette dernière est décrite ci-dessous.

APPROCHE PROPOSÉE

Examinons le diagramme présenté à la figure 6. Q2 représente le débit journalier moyen maximal, et Q1 et Q2, les débits journaliers moyens de la veille et du lendemain, respectivement. Supposons qu'un hydrogramme réel est tel que Q1 peut être étendu positivement à l'intérieur du jour de relevé Q2 pendant la période α. De même, Q3 peut être prolongé négativement pendant la période α'. Il est à noter que α et α' peuvent également être négatifs. Supposons un débit moyen de (Q1 + Q3)/2 pour la période de $(1-\alpha-\alpha')$ jour et un hydrogramme triangulaire de hauteur h surimposée à cette période, alors

$$Q2 = (Q1+Q3)/2\cdot(1-\alpha-\alpha') + \alpha Q1 + \alpha' Q3 + (1-\alpha-\alpha')h/2$$

ou

$$h = 2[Q2 - (Q1+Q3)/2\cdot(1-\alpha-\alpha') - \alpha Q1 - \alpha' Q3]/(1-\alpha-\alpha')$$

Le débit de pointe estimé QP' est égal à [h + (Q1 + Q3)/2].

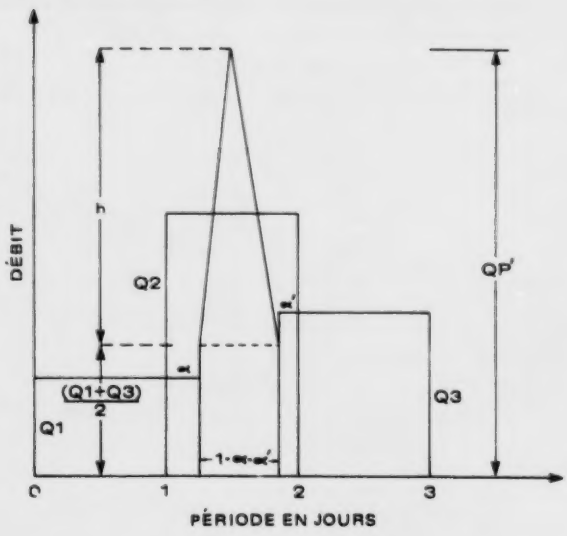

Figure 6. Diagramme des débits supposés.

Donc,

$$QP' = (Q1 + Q3)/2 + [2Q2 - Q1(1+\alpha-\alpha') - Q3(1+\alpha'-\alpha)]/(1-\alpha-\alpha') \quad (1)$$

Il s'agit de l'équation générale qui peut être utilisée pour estimer le débit de pointe réel QP. Elle peut être simplifiée si l'on suppose que α et α' sont équivalents. Ainsi,

$$QP' = (Q1+Q3)/2 + [2Q2 - Q1 - Q3]/(1-2\alpha) \quad (2)$$

Si $\alpha = \alpha' = 0$, alors

$$QP' = (Q1+Q3)/2 + (2Q2 - Q1 - Q3) = (4Q2 - Q1 - Q3)/2 \quad (3)$$

L'équation 3 est l'équation de base utilisée dans la présente étude pour estimer le débit de pointe. Le débit de pointe calculé est représenté par QPP. Ainsi,

$$QPP = (4Q2 - Q1 - Q3)/2 \quad (4)$$

La limite supérieure de QPP avec cette formule est 2Q2 et la limite inférieure, Q2.

Dans l'équation 2, le terme $(1-2\alpha)$ est défini comme le «facteur de base» et est représenté par K. En substituant le débit de pointe réel QP à QP', nous avons

$$K = (4Q2 - 2Q1 - 2Q3)/(2QP - Q1 - Q3) \quad (5)$$

Étant donné $QP \geq Q2$, $K \leq 2$. De même, la valeur minimale du numérateur est zéro, étant donné que Q2 ne peut être inférieur à Q1 ou Q3. Donc,

$$0 \leq K \leq 2 \quad (6)$$

Si le rapport du débit de pointe réel sur le débit de pointe prévu est représenté par R, alors

$$R = QP/QPP \quad (7)$$

Les équations 4 et 5 donnent maintenant

$$KR = (4Q2-2Q1-2Q3)/[4Q2-Q1-Q3-(Q1+Q3)/R] \quad (8)$$

À partir de cette équation, nous avons

$$\text{If } R > 1, KR < 1, K < 1 \quad (9)$$

$$\text{If } R = 1, KR = 1, K = 1 \quad (10)$$

$$\text{If } R < 1, KR > 1, K > 1 \quad (11)$$

$$\text{Aussi, si } R = 1, KR = K \quad (12)$$

Ainsi, si KR (axe des y) est porté en fonction de K (axe des x), tous les points se trouvent à l'intérieur de deux triangles à angle droit. Le premier présente alors ses extrémités à (0,0), (0,1) et (1,1), et le second, à (1,1), (2,1) et (2,2). Le premier triangle offre la zone de sous-estimation, et le second, la zone de surestimation. La ligne KR = K représente l'estimation exacte. Ce tracé a été préparé dans la présente étude et sera étudié plus loin. Les lignes limitées KR = 1 et KR = K correspondent au rapport (Q1 + Q3)/2Q2, étant équivalentes à zéro et un respectivement.

IMPORTANCE DU FACTEUR DE BASE K

L'équation d'estimation 4 utilisée dans la présente étude s'appuie sur K = 1. Les débits de pointe où $K > 1$ seront surestimés et ceux où $K < 1$, sous-estimés. En pratique, K est inconnu. Cependant, les valeurs de $K > 1$ ne sont pas particulièrement considérées, étant donné que le degré de surestimation est limité par la condition selon laquelle $K \leq 2$. Les valeurs de $K < 1$ sont importantes. Étant donné que K représente la base d'un hydrogramme triangulaire, sa valeur peut être estimée par la méthode du *Soil Conservation Service* des États-Unis ou toute autre parmi plusieurs utilisées pour synthétiser des hydrogrammes unitaires. Cette valeur, en tant que fraction d'une journée, peut être substituée à $(1-2\alpha)$ dans l'équation 2, et il est possible de prévoir le débit de pointe. Une prévision de K peut également se faire à partir des crues historiques en utilisant l'équation 5. S'il y a lieu, les valeurs de K peuvent être appliquées à des cours d'eau voisins dont la taille et les caractéristiques physiques sont comparables.

CARACTÉRISTIQUES DE Q1, Q2 et Q3

Lorsqu'on définit un hydrogramme à l'aide de débits de trois jours, quatre cas peuvent se présenter: (1) Q1 et Q3 sont faibles par rapport à Q2; (2) Q1 et Q3 sont élevés par rapport à Q2; (3) Q1 est élevé et Q3 est faible; et (4) Q3 est élevé et Q1 est faible. Les deux premiers cas donnent un hydrogramme équilibré quant à Q2, tandis que les deux derniers cas produisent un hydrogramme déséquilibré. Dans un hydrogramme équilibré, le débit de pointe se produit généralement pendant les heures du jour et la même journée que Q2. Dans le cas d'un hydrogramme déséquilibré, le débit de pointe se produit généralement pendant la nuit et, possiblement, le même jour que Q2 ou une autre journée. La formule proposée ici pourrait sous-estimer le débit de pointe d'un hydrogramme déséquilibré. Cette situation peut être corrigée en «équilibrant» l'hydrogramme. Une petite fraction est prélevée, par exemple de 10 à 15 % de Q1 ou Q3, soit la valeur la plus proche de Q2, et ajoutée à Q2. Dans cette rectification, Q1 + Q2 ou Q3 + Q2 doivent demeurer les mêmes. Ces valeurs rectifiées peuvent ensuite être utilisées dans l'équation 4. La technique n'est pas infaillible et ne doit être appliquée qu'avec discernement.

APPLICATION DE LA MÉTHODE AUX COURS D'EAU DE L'ONTARIO

La méthode décrite ci-dessus est générale et peut être appliquée de façon universelle. Les cours d'eau ontariens furent choisis en raison de leurs caractéristiques diverses, des périodes relativement prolongées de leur observation et du grand nombre de débitmètres enregistreurs utilisés. Au cours d'une étude antérieure de la région, réalisée par Sangal et Kallio (1977), la formule de Fuller a été modifiée pour l'estimation du débit de pointe à partir du débit journalier moyen maximal. Cependant, leur méthode n'avait été conçue que pour donner une courbe enveloppe et non les débits de pointe individuels. La présente méthode contourne cette difficulté. Les données originales et les valeurs calculées sont présentées dans l'annexe A; toutes les stations apparaissent par ordre alphabétique. L'annexe B offre une liste alphanumérique des stations. Les données sur les stations individuelles comprennent le numéro et le nom de la station, la superficie de drainage en kilomètres carrés, le type de débit, c'est-à-dire régularisé ou non, la période totale d'observation au moyen d'appareils manuels ou enregistreurs ainsi que la période d'observation avec débitmètre enregistreur pendant laquelle ont été prélevées

des données sur le débit de pointe instantané. Tous les débits ont été mesurés en mètres cubes par seconde.

ANALYSE STATISTIQUE DES DONNÉES UTILISÉES

Stations débitmétriques

Au total, 387 stations équipées de débitmètres enregistreurs ont été utilisées dans la présente étude. Parmi ces stations, 209 étaient situées dans des cours d'eau non régularisés, et les 178 restantes, dans des cours d'eau régularisés. Dans la plupart des cas, les régularisations étaient mineures et causées par de petits barrages. Quelques réservoirs permettent un emmagasinement considérable et peuvent modifier appréciablement le débit de pointe. Les superficies de drainage varient de moins d'un kilomètre carré à plus de 100 000 km^2 la plus grande atteignant 118 000 km^2. Le tableau 2 présente la répartition de ces superficies à des intervalles spécifiés. La superficie médiane est d'environ 325 km^2.

Tableau 2. Répartition des bassins de drainage

Intervalle (km^2)	Nombre de stations
<1	5
1–100	79
100–500	141
500–1000	43
1000–5000	69
5000–10 000	18
10 000–100 000	22
>100 000	1
Superficie inconnue	9

Période d'observation au moyen des débitmètres enregistreurs

Les données ont été prélevées jusqu'en 1979. La période maximale d'observation au moyen des débitmètres enregistreurs est de 56 ans. Cependant, plus de 75 % des stations ont des périodes d'observation inférieures à 15 ans. Les données sur les débits de pointe n'ont pu être obtenues au cours de plusieurs années en raison de débitmètres non en état de fonctionner. Ces années sont indiquées par l'expression «aucune donnée» à l'annexe A. Pour un grand nombre de ces années, le débit journalier moyen maximal, QD, a été obtenu et enregistré. Le nombre total d'années-station d'utilisation des débitmètres enregistreurs atteint 4801. Parmi celles-ci, 655 n'offrent pas de données sur le débit de pointe. En conséquence, des données sur le débit de pointe, disponibles pour un total de 3946 années-station, ont pu être analysées. Le tableau 3 présente la répartition des périodes d'observation au cours desquelles des débitmètres enregistreurs ont été utilisés.

Tableau 3. Répartition des périodes d'utilisation des débitmètres enregistreurs

Période (années)	Nombre de stations
1–5	66
6–10	116
11–15	120
16–20	51
21–25	16
26–30	8
>30	10

Répartition des pourcentages mensuels des débits de pointe

La province d'Ontario est grande et son climat varie considérablement du sud au nord. Partout dans la province, la plupart des crues sont causées par la fonte des neiges. Dans le sud, cependant, les crues de pointe ont lieu en mars et avril, tandis qu'au nord, elles se produisent en avril et mai. Dans l'ensemble de la province, le mois d'avril demeure la période où prédominent les crues. Le tableau 4 présente la répartition des pourcentages mensuels des débits de pointe pour la province entière.

Tableau 4. Répartition des pourcentages mensuels des débits de pointe en Ontario

Mois	Répartition des pourcentages
Janvier	2.0
Février	5.5
Mars	23.3
Avril	38.3
Mai	15.4
Juin	4.8
Juillet	1.9
Août	1.7
Septembre	1.5
Octobre	1.1
Novembre	1.1
Décembre	3.4

Heure du débit de pointe et indice de la pointe

Théoriquement, dans le cas d'un simple hydrogramme triangulaire, le débit de pointe peut se manifester le jour du débit journalier moyen maximal ou la veille. Il ne peut se produire aucun autre jour. Dans la réalité, cependant, étant donné la forme non triangulaire de l'hydrogramme, des débits de pointe ont eu lieu le jour du débit journalier moyen maximal ou quelques jours plus tôt ou plus tard. Des facteurs comme la régularisation, l'afflux des tributaires, les embâcles et l'arrondissement naturel du débit de pointe ont tous un effet sur la forme de l'hydrogramme. Comme cela a été défini ci-dessus, l'indice de la pointe donne le jour du débit de pointe par rapport au jour de débit journalier moyen maximal. Une valeur positive indique que le débit de pointe s'est produit après le débit journalier moyen maximal, tandis qu'une valeur négative révèle que ce débit s'est manifesté avant. Un zéro ou l'absence d'indication signifient que le jour du débit de pointe coïncide avec le jour du débit journalier moyen maximal. Les chiffres indiquent le nombre de jours respectifs. Seuls les indices −2, −1, 0, 1 et 2 ont été considérés. Les débits de pointe observés tout autre jour ont été pondérés de façon à correspondre à l'un de ces indices. Le nombre de ces cas était négligeable. Le tableau 5 présente la répartition des heures où se sont manifestés des débits de pointe ainsi que les indices de pointe pour 3946 débits de pointe.

Le tableau 5 indique que plus de 79 % des débits de pointe se produisent le même jour que le débit journalier moyen maximal. Environ 14 % des débits de pointe ont lieu

Tableau 5. Répartition des heures d'observation des débits de pointe et des indices de pointe

Temps (h)	Indices de pointe					Total	Pourcentage
	−2	−1	0	1	2		
0–0:59	1	9	106	39	1	156	4.0
1:00–1:59	0	4	134	31	0	169	4.3
2:00–2:59	0	1	128	21	0	150	3.9
3:00–3:59	0	1	145	14	1	161	4.1
4:00–4:59	1	1	142	17	0	161	4.1
5:00–5:59	0	0	137	7	0	144	3.6
6:00–6:59	0	0	149	10	0	159	4.0
7:00–7:59	0	1	115	5	0	121	3.1
8:00–8:59	1	1	134	11	0	147	3.7
9:00–9:59	0	2	134	8	0	144	3.6
10:00–10:59	2	7	120	5	1	135	3.4
11:00–11:59	0	9	137	5	1	152	3.9
12:00–12:59	1	8	146	8	0	163	4.1
13:00–13:59	0	10	128	11	1	150	3.8
14:00–14:59	1	15	132	8	0	156	4.0
15:00–15:59	2	11	146	7	0	166	4.2
16:00–16:59	4	28	136	4	0	172	4.4
17:00–17:59	1	18	138	4	1	162	4.1
18:00–18:59	1	36	149	5	0	191	4.8
19:00–19:59	1	57	137	3	1	199	5.0
20:00–20:59	1	64	153	3	0	221	5.6
21:00–21:59	1	72	106	3	0	182	4.6
22:00–22:59	3	88	93	3	0	187	4.7
23:00–23:59	4	92	58	8	1	163	4.1
Heures de non-observation	0	4	30	1	0	35	0.9
Total	25	539	3133	241	8	3946	100
Pourcentage	0.6	13.7	79.4	6.1	0.2	100	–

la veille et environ 6 %, le lendemain. Le nombre total de débits de pointe observés pendant une période de deux jours est inférieur à 1 %. Le nombre minimal de débits de pointe se produit entre 7 et 8 h et représente 3.1 % du total des débits de pointe. Le nombre maximal de ces débits est observé entre 20 et 21 h et il représente 5.6 % du total. En général, il y a moins de débits de pointe le matin que le soir. Ce phénomène est surtout attribuable à la nature des crues reliées à la fonte des neiges. L'eau de fonte, accumulée pendant le jour, est évacuée au cours de la soirée. De plus, les débits de pointe, dont les indices sont de −1 et +1, présentent une concentration pendant la nuit.

PRÉSENTATION ET ANALYSE DES RÉSULTATS

Quatre paramètres ont été calculés à partir des données originales. Ce sont: (1) le rapport du débit de pointe sur le débit journalier moyen maximal (QP/Q2); (2) le débit de pointe estimé (QPP); (3) le rapport du débit de pointe observé sur le débit estimé (QP/QPP); et (4) le facteur de base K. Une autre relation a été étudiée, celle entre KR et K dans laquelle R est le rapport QP/QPP.

Répartition de QP/Q2

La répartition de QP/Q2 est présentée au tableau 6. Elle montre que plus de 47 % des valeurs se situent à l'intérieur de l'intervalle 1−1.1, phénomène qui s'explique par la prédominance des crues de fonte des neiges, qui ont un rapport QP/Q2 faible. Plus de 91 % des valeurs sont inférieures à 2 et environ 97 % sont inférieures à 3. Les valeurs les plus élevées se situent dans l'intervalle 17−17.5. Quelques-uns des rapports les plus élevés ont été obtenus en utilisant les données relevées dans des cours d'eau de la région de Toronto, comme les ruisseaux Black, Highland et Etobicoke et la rivière Don. Des rapports élevés ont également été obtenus pour des cours d'eau dans la région de Kitchener−Waterloo, comme les ruisseaux Schneider et Laurel. Tous ces cours d'eau sont petits et situés dans des zones urbaines. De plus, les crues sont surtout causées par les pluies.

Tableau 6. Répartition de QP/Q2

Intervalle	Nombre	Pourcentage du total	Pourcentage cumulatif
1.0–1.1	1861	47.16	47.16
1.1–1.2	513	13.00	60.16
1.2–1.3	380	9.64	69.80
1.3–1.4	248	6.28	76.08

Tableau 6. Répartition de QP/Q2 (suite)

Intervalle	Nombre	Pourcentage du total	Pourcentage cumulatif
1.4–1.5	171	4.33	80.41
1.5–1.6	120	3.04	83.45
1.6–1.7	114	2.89	86.34
1.7–1.8	75	1.90	88.24
1.8–1.9	61	1.55	89.79
1.9–2.0	54	1.37	91.16
2.0–2.2	85	2.15	93.31
2.2–2.4	60	1.52	94.83
2.4–2.6	34	0.86	95.69
2.6–2.8	23	0.58	96.27
2.8–3.0	26	0.66	96.93
3.0–3.2	8	0.21	97.14
3.2–3.4	8	0.20	97.34
3.4–3.6	8	0.20	97.54
3.6–3.8	8	0.20	97.74
3.8–4.0	8	0.20	97.94
4.0–4.5	10	0.26	98.20
4.5–5.0	16	0.41	98.61
5.0–5.5	10	0.25	98.86
5.5–6.0	6	0.15	99.01
6.0–6.5	3	0.08	99.09
6.5–7.0	7	0.18	99.27
7.0–7.5	2	0.05	99.32
7.5–8.0	5	0.13	99.44
8.0–8.5	1	0.03	99.47
8.5–9.0	2	0.05	99.52
9.0–9.5	2	0.05	99.57
9.5–10.0	1	0.03	99.59
10.0–10.5	2	0.05	99.65
10.5–11.0	1	0.03	99.67
11.0–11.5	0	0	99.67
11.5–12.0	1	0.03	99.70
12.0–12.5	3	0.08	99.77
12.5–13.0	0	0	99.77
13.0–13.5	1	0.03	99.80
13.5–14.0	1	0.03	99.82
14.0–14.5	2	0.05	99.87
14.5–15.0	1	0.03	99.90
15.0–15.5	1	0.03	99.92
15.5–16.0	0	0	99.92
16.0–16.5	1	0.03	99.95
16.5–17.0	0	0	99.95
17.0–17.5	2	0.05	100.0

Tableau 7. Répartition de QP/QPP

Intervalle	Nombre	Pourcentage du total	Pourcentage cumulatif
0.6–0.7	24	0.61	0.61
0.7–0.8	278	7.05	7.66
0.8–0.9	665	16.86	24.51
0.9–1.0	1481	37.52	62.03
1.0–1.1	769	19.49	81.52
1.1–1.2	195	4.94	86.46
1.2–1.3	137	3.47	89.94
1.3–1.4	86	2.18	92.12
1.4–1.5	68	1.72	93.84
1.5–1.6	37	0.94	94.78
1.6–1.7	31	0.79	95.56
1.7–1.8	21	0.53	96.10
1.8–1.9	13	0.33	96.42
1.9–2.0	14	0.35	96.78
2.0–2.2	18	0.46	97.24
2.2–2.4	13	0.33	97.57
2.4–2.6	7	0.18	97.74
2.6–2.8	11	0.28	98.02
2.8–3.0	14	0.35	98.38
3.0–3.2	8	0.20	98.58
3.2–3.4	7	0.18	98.76
3.4–3.6	3	0.08	98.83
3.6–3.8	4	0.10	98.94
3.8–4.0	6	0.15	99.09
4.0–4.5	6	0.15	99.24
4.5–5.0	6	0.15	99.39
5.0–5.5	4	0.10	99.49
5.5–6.0	4	0.10	99.59
6.0–6.5	3	0.08	99.67
6.5–7.0	1	0.03	99.70
7.0–7.5	2	0.05	99.75
7.5–8.0	1	0.03	99.77
8.0–8.5	2	0.05	99.82
8.5–9.0	2	0.05	99.87
9.0–9.5	4	0.10	99.97
9.5–10.0	0	0	99.97
10.0–10.5	0	0	99.97
10.5–11.0	0	0	99.97
11.0–11.5	1	0.03	100.0

Répartition de QP/QPP

L'épreuve concluante de toute technique de prévision est la comparaison des valeurs prévues avec les données enregistrées. Cette comparaison, présentée au tableau 7, et qui montre la répartition de QP/QPP, constitue le point central de la présente étude. Cette comparaison indique le degré de précision de la technique proposée ici. Environ 57 % des valeurs estimées se situent à moins de ±10 % des valeurs réelles et environ 79 %, à moins de ±20 % des valeurs réelles. Aucun rapport n'est inférieur à 0.6, bien que le minimum théorique soit de 0.5. Environ 97 % des rapports sont inférieurs à 2. Au-delà de 62 % des rapports n'atteignent pas 1, ce qui indique le degré de surestimation. Ce tableau montre que la technique proposée permet l'estimation du débit de pointe avec un degré raisonnable de précision pour la plupart des cours d'eau dans la région, particulièrement dans le cas de crues causées par la fonte des neiges. Quand il s'agit de crues causées par les pluies dans de plus petits cours d'eau, une valeur plus faible du facteur de base K doit être utilisée. La valeur de K = 1 est trop élevée pour ces cours d'eau.

Tableau 8. Répartition du facteur de base K

Intervalle	Nombre	Pourcentage du total	Pourcentage cumulatif
0–0.1	29	0.73	0.73
0.1–0.2	51	1.29	2.03
0.2–0.3	62	1.57	3.60
0.3–0.4	76	1.93	5.52
0.4–0.5	97	2.46	7.98
0.5–0.6	147	3.73	11.71
0.6–0.7	209	5.30	17.00
0.7–0.8	174	4.41	21.41
0.8–0.9	227	5.75	27.17
0.9–1.0	201	5.09	32.26
1.0–1.1	308	7.81	40.07
1.1–1.2	261	6.61	46.68
1.2–1.3	347	8.79	55.47
1.3–1.4	351	8.90	64.37
1.4–1.5	318	8.06	72.43
1.5–1.6	317	8.03	80.46
1.6–1.7	291	7.37	87.84
1.7–1.8	213	5.40	93.23
1.8–1.9	87	2.20	95.44
1.9–2.0	18	0.46	95.89
2.00	162	4.11	100.00

Répartition du facteur de base K

Le tableau 8 présente la distribution du facteur de base K. L'intervalle 1–1.1 renferme 81 valeurs quand K est exactement égal à 1. Environ 32 % des valeurs sont inférieures à 1. La valeur maximale K = 2 a été obtenue dans 162 cas. La concentration maximale des valeurs se situe entre 1.2 et 1.4, le total atteignant environ 18 % de toutes les valeurs.

Relation entre KR et K

La courbe de KR en fonction de K présentée à la figure 7 montre clairement les zones de sous-estimation et de surestimation ainsi que la ligne de prévision exacte, KR = K. Étant donné que le nombre de points dans l'intervalle $1 \leq K \leq 2$ était plus de deux fois celui dans l'intervalle $0 \leq K \leq 1$, chaque deuxième point a été porté dans le premier intervalle, tandis que chaque point a été porté dans

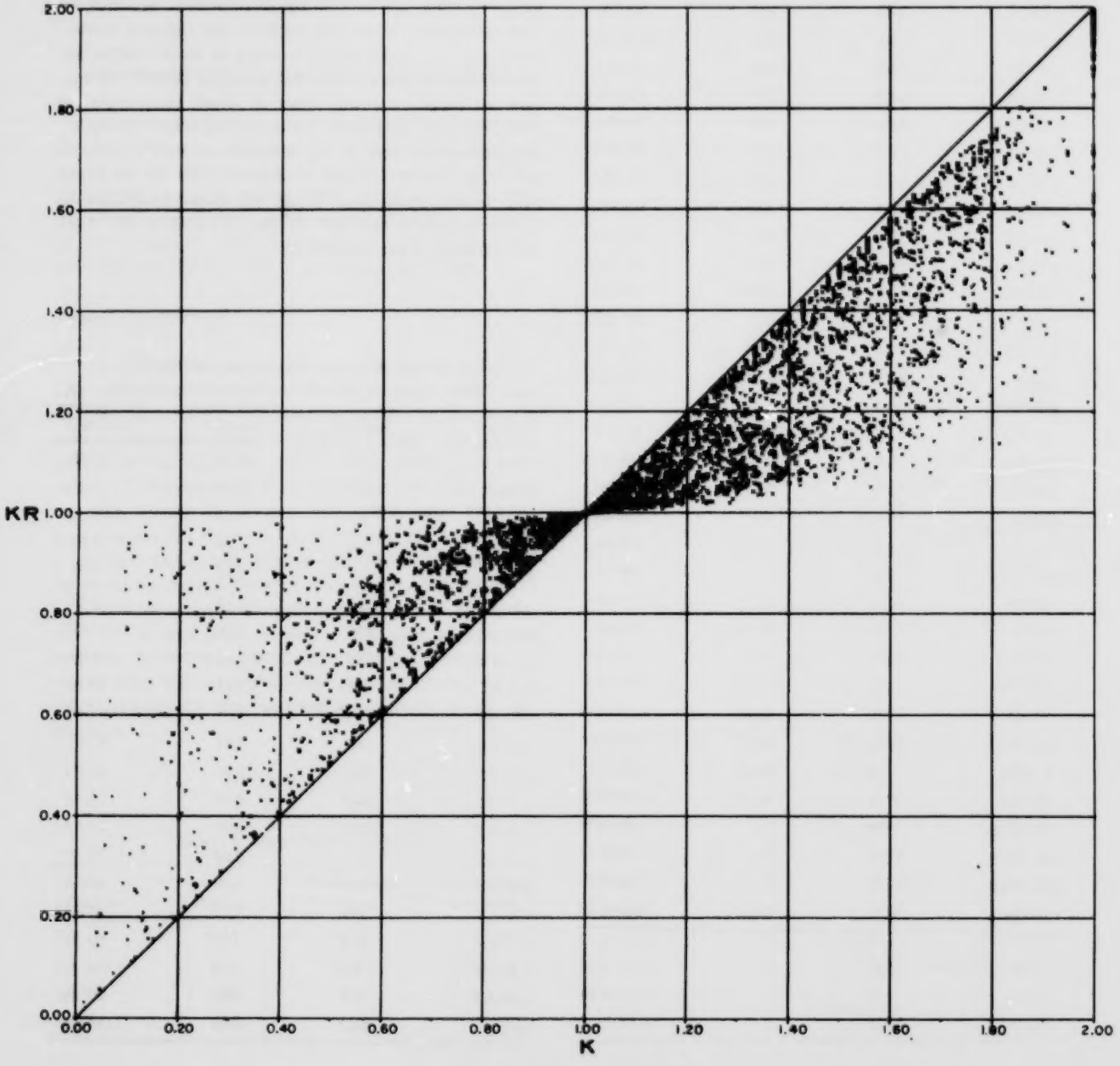

Figure 7. Relation entre KR et K.

le second intervalle. Le nombre de points est tellement grand que cette réduction ne modifie pas la qualité du graphique. Il existe un entassement sur la ligne KR = K (R = 1) et à proximité, particulièrement dans le cas de K = 1 et K = 2. Des lignes où la valeur de R varie pourraient être tracées dans cette figure dans le but d'estimer le nombre de points situés au-dessus ou en dessous d'un rapport donné de QP/QPP.

CONCLUSIONS

Les conclusions suivantes peuvent être tirées de la présente étude:

(1) Dans la majorité des cas, le débit de pointe peut être estimé avec un degré raisonnable de précision par la formule proposée dans le présent rapport.

(2) La formule sous-estime le débit de pointe des crues causées par les pluies dans les petits bassins.

(3) Les débits de pointe des grandes crues de durée relativement prolongée seront surestimés, bien qu'il ne soit pas impossible que la surestimation soit faible.

(4) Le facteur de base K est un paramètre important et doit être estimé pour les petits bassins. L'hypothèse de K = 1 n'est pas valable pour ces bassins.

(5) Une estimation raisonnable de K peut être obtenue à partir des crues historiques des cours d'eau voisins de taille comparable. La grande quantité de données présentées dans le présent rapport peut aider à réaliser cette estimation.

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Annexe A

Liste des données

LÉGENDE

Numéro de la colonne	Titre	Explication
1	Année	Année d'observation
2	Date et heure du débit de pointe	Mois/jour/heure/minute, 99:99 signifie absence d'indication de temps
3	QP	Débit de pointe instantané enregistré
4	Q1	Débit le jour précédant le débit journalier moyen maximal
5	Q2	Débit journalier moyen maximal correspondant au débit de pointe
6	Q3	Débit le jour suivant le débit journalier moyen maximal
7	Date de Q2	Date du débit journalier moyen maximal
8	Indice de la pointe	Indique le jour du débit de pointe par rapport au débit journalier maximal. L'absence d'indication signifie zéro.
9	QD	Débit journalier moyen maximal pour l'année. Cette valeur n'est pas nécessairement la même que Q2. Quand QD et Q2 sont les mêmes, QD n'est pas indiqué. Cette valeur n'a été utilisée dans aucun calcul. Elle sert de référence seulement.
10	Date de QD	Mois/jour
11	QP/Q2	Rapport du débit de pointe sur le débit journalier moyen maximal correspondant
12	Débit de pointe prévu QPP	Débit de pointe estimé à l'aide de l'équation 4
13	QP/QPP	Rapport du débit de pointe réel sur le débit de pointe estimé
14	K	Facteur de base, équation 5

04ME803 ABITIBI RIVER AT ONAKAWANA

DRAINAGE AREA 27900 SQ KM

REGULATED

PERIOD OF RECORD 1959-79

RECORDING GAUGE 1961-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1961	5 17 9:00	1650	1410	1580	1480	5 17				1.04	1755	.94	1.43
1962	6 2 10:45	1980	1510	1860	1700	6 2				1.05	2155	.92	1.47
1963	3 28 9:30	1370	365	985	835	3 28				1.39	1370	1.00	1.00
1964	3 30 20:00	2360	2130	2330	2220	3 30				1.01	2485	.95	1.60
1965	5 9 15:00	1770	1440	1630	1510	5 9				1.09	1785	.99	1.09
1966	NO DATA												
1967	NO DATA							1590	18 17				
1968	NO DATA							3080	05 06				
1969	NO DATA							1540	04 19				
1970	NO DATA							1270	05 05				
1971	5 1 14:27	1900	1160	1550	1290	5 1		1430	05 13				
1972	NO DATA									1.20	1875	1.06	.86
1973	4 24 9:20	1250	966	1200	991	4 24		1360	05 03				
1974	5 18 4:00	1310	1100	1240	1160	5 18				1.04	1421	.00	1.63
1975	NO DATA									1.06	1310	1.00	1.00
1976	NO DATA							1020	05 02				
1977	4 23 13:30	2940	2100	2690	2600	4 22	1	2370	04 22				
1978	5 9 20:15	2970	2410	2400	1890	5 9				1.09	2950	1.00	1.02
1979	5 11 1:05	3400	2130	3210	3150	5 10	1			1.20	2810	1.06	.00
										1.06	3700	.90	1.90

04GD801 ALBANY RIVER ABOVE HOTTIK ISLAND

DRAINAGE AREA 32400 SQ KM

REGULATED

PERIOD OF RECORD 1966-79

RECORDING GAUGE 1969-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1969	6 14 8:01	934	926	934	920	6 14				1.00	945	.99	2.00
1970	10 15 5:20	612	595	612	606	10 15				1.00	623	.98	2.00
1971	5 21 17:30	810	784	799	796	5 21				1.01	800	1.00	.90
1972	5 22 12:00	501	490	501	490	5 22				1.00	504	.99	2.00
1973	8 16 8:52	586	580	586	586	8 15	1			1.00	589	.99	2.00
1974	6 2 4:01	1350	1330	1340	1340	6 1	1			1.01	1345	1.00	.67
1975	NO DATA							665	06 23				
1976	5 16 20:00	515	510	513	510	5 17	-1			1.00	516	1.00	1.20
1977	5 12 9:10	480	402	405	405	5 12				1.01	486	1.00	.67
1978	8 25 22:06	592	586	592	592	8 26	-1			1.00	595	.99	2.00
1979	5 25 10:01	504	501	502	501	5 25				1.00	503	1.00	.67

84GC002 ALBANY RIVER BELOW ACHAPI LAKE

DRAINAGE AREA 16300 SQ KM

REGULATED

PERIOD OF RECORD 1978-79

RECORDING GAUGE 1974-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1974	6 28 16:05	677	671	674	674	6 28				1.00	675	1.00	.67
1975	5 9 14:40	116	113	116	115	5 9				1.02	118	1.00	1.00
1976	NO DATA							64.0	04 28				
1977	NO DATA							111	07 25				
1978	8 18 14:45	239	227	234	227	8 18				1.02	241	.99	1.17
1979	9 8 11:59	133	132	133	132	9 8				1.00	134	.99	2.00

84HA001 ALBANY RIVER NEAR HAT ISLAND

DRAINAGE AREA 118000 SQ KM

REGULATED

PERIOD OF RECORD 1964-79

RECORDING GAUGE 1965-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1965	5 11 9:00	4190	3400	4190	4190	5 11				1.00	4585	.91	2.00
1966	NO DATA												
1967	NO DATA							4810	05 25				
1968	4 30 17:30	3790	3680	3770	3740	5 1	-1			1.01	3830	.99	1.50
1969	5 7 1:00	6230	5150	5610	5410	5 7				1.11	5940	1.05	.69
1970	5 3 4:00	4730	4670	4700	4560	5 3				1.01	4785	.99	1.40
1971	5 10 3:39	5320	4620	4620	4020	5 10				1.15	4920	1.00	.60
1972	5 15 20:30	3600	3510	3570	3570	5 15				1.01	3680	1.00	1.00
1973	5 12 12:20	3620	3450	3620	3510	5 12				1.00	3760	.96	2.00
1974	NO DATA							5950	05 25				
1975	NO DATA							4790	05 07				
1976	NO DATA							6000	04 24				
1977	4 25 17:00	5040	4040	5010	4960	4 25				1.01	5120	.98	1.57
1978	5 17 5:00	4250	4160	4220	4110	5 17				1.01	4305	.99	1.40
1979	5 14 18:54	3590	3480	3570	3550	5 14				1.01	3665	.98	1.65

02GA038 ALDER CREEK NEAR NEW DUNDEE

DRAINAGE AREA 49.7 SQ KM

REGULATED

PERIOD OF RECORD 1965-79

RECORDING GAUGE 1966-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1966	12 7 6:00	4.13	.453	2.89	1.39	12 7				1.43	4.86	.85	1.23
1967	6 29 7:00	7.08	.212	2.89	.889	6 29				2.45	5.23	1.35	.72
1968	3 16 15:00	9.54	4.53	4.73	1.65	3 17	-1	7.08	02 02	2.02	6.37	1.50	.51
1969	NO DATA												
1970	4 3 5:00	2.60	.810	.949	.716	4 3		1.07	04 08	2.74	1.14	2.29	.28
1971	4 2 7:30	8.86	.340	2.83	2.68	4 2				3.13	4.15	2.13	.36
1972	4 13 9:43	5.66	3.11	4.79	2.39	4 13				1.18	6.83	.83	1.48
1973	3 4 18:00	19.1	.059	4.25	2.48	3 4		4.36	03 11	4.49	7.23	2.64	.33
1974	3 5 1:09	11.1	3.62	4.73	1.37	3 5				2.35	6.97	1.59	.52
1975	2 24 19:41	14.0	.108	9.46	2.50	2 24				1.48	17.6	.79	1.28
1976	3 5 19:45	7.53	.334	2.83	1.85	3 5		3.88	03 20	2.66	4.57	1.65	.54
1977	3 13 3:45	13.2	2.15	6.97	2.23	3 13				1.89	11.8	1.12	.87
1978	4 1 15:02	6.26	1.11	3.48	2.35	4 1				1.84	5.07	1.23	.74
1979	3 4 17:05	21.2	.350	10.8	9.69	3 4				2.12	15.8	1.42	.62

02JE019 ANABLE DU FOND RIVER AT CHAMPLAIN PROVINCIAL PARK

DRAINAGE AREA 1140 SQ KM

REGULATED

PERIOD OF RECORD 1972-79

RECORDING GAUGE 1972-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1972	5 9 15:42	115	101	114	108	5 9				1.01	123	.93	1.01
1973	6 27 22:31	97.1	80.4	88.9	75.3	6 28	-1			1.09	99.9	.97	1.15
1974	4 23 23:00	81.3	80.4	81.0	76.7	4 24	-1			1.00	83.4	.97	1.70
1975	5 3 13:42	73.3	70.6	72.8	69.9	5 3				1.01	75.3	.97	1.66
1976	4 2 7:49	94.6	86.7	92.9	87.5	4 2				1.02	98.7	.96	1.55
1977	4 16 5:54	61.2	60.0	60.9	59.5	4 16				1.00	62.1	.99	1.59
1978	4 29 4:53	60.9	59.2	60.3	56.1	4 29				1.01	63.0	.97	1.63
1979	4 28 5:28	83.8	79.1	81.8	76.5	4 28				1.02	85.8	.98	1.33

04DB002 ASHEWEIG RIVER ABOVE LONG DOG LAKE

NATURAL FLOW

DRAINAGE AREA 3240 SQ KM

PERIOD OF RECORD 1967-77

RECORDING GAUGE 1969-77

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1969	10 1 17:00	187	186	187	187	10 2	-1			1.00	187	1.00	2.00
1970	6 8 19:50	136	135	137	133	6 9	-1			1.01	140	.99	1.50
1971	5 16 14:39	280	197	199	195	5 16				1.01	282	.99	1.50
1972	5 22 17:16	123	118	121	119	5 22		94.3	06 02	1.02	123	1.00	1.11
1973	NO DATA							212	06 23				
1974	NO DATA									1.01	128	1.00	1.00
1975	8 19 8:14	128	125	127	127	8 18	1			1.01	118	1.00	1.00
1976	5 20 16:20	118	116	117	116	5 21	-1			1.02	68.4	.99	1.12
1977	5 7 15:30	68.8	64.6	66.5	64.6	5 7		67.1	05 04				

04DB001 ASHEWEIG RIVER AT STRAIGHT LAKE

NATURAL FLOW

DRAINAGE AREA 7950 SQ KM

PERIOD OF RECORD 1966-79

RECORDING GAUGE 1969-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1969	10 11 16:00	374	368	371	371	10 11				1.01	372	1.00	.67
1970	6 3 22:05	278	275	277	275	6 4	-1			1.00	279	1.00	1.33
1971	5 25 15:41	450	445	447	445	5 24	1			1.01	449	1.00	.88
1972	10 19 12:25	265	258	260	255	10 18	1	260	10 15	1.02	263	1.01	.82
1973	6 2 21:40	382	377	382	382	6 2				1.00	384	.99	2.00
1974	6 27 3:12	430	425	428	428	6 26	1			1.00	429	1.00	.86
1975	8 27 9:52	268	266	267	263	8 27				1.00	269	.99	1.43
1976	NO DATA							238	05 27				
1977	NO DATA							131	05 31				
1978	NO DATA							294	05 15				
1979	6 3 14:00	144	140	142	142	6 3		143	06 05	1.01	143	1.01	.67

04FB001 ATTAWAPISKAT RIVER BELOW ATTAWAPISKAT LAKE

DRAINAGE AREA 24200 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1965-79

RECORDING GAUGE 1966-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1966	6 4 18:00	1251	1250	1250	1250	6 4		1250	06 01	1.00	1250	1.00	0.00
1967	NO DATA							1150	06 07				
1968	11 3 12:00	753	750	753	750	11 3				1.00	756	1.00	2.00
1969	7 8 13:00	1128	1100	1120	1120	7 7	1			1.00	1130	.99	2.00
1970	10 5 13:30	736	733	733	725	10 5		733	10 03	1.00	737	1.00	1.14
1971	5 21 7:42	1240	1230	1240	1230	5 21				1.00	1250	.99	2.00
1972	5 26 20:40	844	841	844	835	5 26				1.00	850	.99	2.00
1973	NO DATA							835	05 22				
1974	6 11 4:06	1440	1430	1440	1430	6 10	1			1.00	1450	.99	2.00
1975	NO DATA							827	05 18				
1976	NO DATA							343	06 06				
1977	NO DATA							453	09 21				
1978	NO DATA							807	05 19				
1979	5 26 14:45	847	842	843	841	5 27	-1			1.00	844	1.00	.55

04FC001 ATTAWAPISKAT RIVER BELOW MUKETEI RIVER

DRAINAGE AREA 36000 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1968-79

RECORDING GAUGE 1969-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1969	5 11 1:00	2060	1250	1950	1740	5 11				1.06	2405	.86	1.61
1970	NO DATA							1290	10 06				
1971	NO DATA							3110	05 10				
1972	5 24 4:30	1190	1180	1190	1180	5 24				1.00	1200	.99	2.00
1973	5 23 1:00	1600	1530	1560	1510	5 23				1.03	1600	1.00	1.00
1974	NO DATA							1970	06 10				
1975	8 13 13:59	1360	1330	1350	1350	8 12	1			1.01	1360	1.00	1.00
1976	NO DATA							2510	05 15				
1977	NO DATA							1010	04 29				
1978	NO DATA							1420	05 20				
1979	NO DATA							1060	05 27				

02FF002 AUSABLE RIVER NEAR SPRINGBANK

DRAINAGE AREA 865 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1945-79

RECORDING GAUGE 1965-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1965	2 11 1:00	238	32.6	208	133	2 11				1.15	317	.73	1.59
1966	12 7 23:00	262	196	234	163	12 8	-1			1.12	288	.91	1.32
1967	4 3 18:00	287	54.7	143	111	4 3				1.45	283	1.02	.97
1968	2 2 20:30	365	88.3	306	269	2 2				1.19	433	.84	1.37
1969	1 31 9:00	155	65.0	137	113	1 31				1.13	175	.89	1.36
1970	4 3 3:01	147	64.8	120	94.6	4 3				1.23	160	.91	1.28
1971	NO DATA							119	03 16				
1972	NO DATA							109	04 17				
1973	1 1 18:40	223	119	207	146	1 1				1.08	281	.79	1.65
1974	3 5 20:20	233	79.3	176	169	3 5				1.32	227	1.02	.95
1975	4 19 23:54	218	146	193	104	4 20	-1			1.13	261	.84	1.46
1976	3 6 7:03	249	150	223	152	3 6				1.12	295	.84	1.47
1977	3 13 20:26	328	268	275	176	3 14	-1			1.19	328	1.00	1.00
1978	4 2 7:53	166	90.3	155	138	4 2				1.07	195	.85	1.58
1979	4 14 15:06	305	55.3	248	195	4 14				1.23	378	.82	1.37

02CE002 AUX SABLES RIVER AT MASSEY

DRAINAGE AREA 1350 SQ KM

REGULATED

PERIOD OF RECORD 1915-79

RECORDING GAUGE 1959-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1959	4 19 18:00	129	102	126	108	4 19				1.02	147	.88	1.75
1960	5 11 18:00	176	160	174	166	5 11				1.01	185	.95	1.69
1961	5 19 19:00	36.5	32.0	32.8	32.6	5 18	1	36.2	12 06	1.11	33.3	1.10	.24
1962	5 6 2:00	96.0	93.4	94.6	85.8	5 6				1.01	99.6	.96	1.56
1963	4 4 22:00	74.8	71.4	72.2	68.2	4 5	-1			1.04	74.6	1.00	.96
1964	4 19 2:00	97.7	94.9	95.1	85.2	4 19				1.03	100	.98	1.32
1965	5 5 11:30	108	103	108	102	5 5				1.00	113	.95	2.00
1966	4 23 2:00	136	130	132	119	4 23				1.03	139	.97	1.30
1967	5 4 7:00	258	208	246	195	5 4				1.05	290	.89	1.58
1968	4 6 18:00	75.9	69.9	73.6	67.4	4 6				1.03	78.5	.97	1.37
1969	4 17 23:00	106	93.4	104	95.4	4 17				1.02	113	.93	1.66
1970	6 3 9:30	278	217	268	228	6 3				1.04	313	.89	1.64
1971	4 22 17:01	108	96.8	106	103	4 22				1.02	112	.96	1.91
1972	5 4 6:32	182	164	188	166	5 4				1.01	195	.93	1.76
1973	5 4 18:34	76.5	65.4	79.6	69.1	5 4				1.01	83.9	.91	1.01
1974	4 23 18:30	93.4	85.2	92.9	89.5	4 23				1.01	98.5	.95	1.83
1975	4 25 5:00	104	84.7	101	99.4	4 25				1.03	109	.95	1.50
1976	4 28 8:00	116	114	115	108	4 28				1.01	119	.97	1.68
1977	4 22 22:50	84.7	82.1	83.0	77.6	4 23	-1			1.02	86.2	.98	1.30
1978	5 15 17:33	123	99.1	121	115	5 15				1.02	134	.91	1.75
1979	4 28 13:35	194	164	191	172	4 28				1.02	214	.91	1.77

02GG018 AVON RIVER BELOW STRATFORD

DRAINAGE AREA 144 SQ KM

REGULATED

PERIOD OF RECORD 1964-79

RECORDING GAUGE 1965-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	CP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1965	2 18 22:00	75.6	11.3	45.3	29.7	2 18				1.67	70.1	1.08	.98
1966	12 7 8:30	58.3	5.52	44.7	25.6	12 7				1.30	73.8	.79	1.36
1967	4 3 6:10	54.1	18.7	35.1	9.34	4 3				1.54	60.2	.90	1.14
1968	2 2 13:45	64.8	16.2	52.1	23.1	2 2				1.24	84.5	.77	1.44
1969	1 31 1:30	40.2	21.8	28.9	14.3	1 31		38.3	84 05	1.39	39.8	1.01	.98
1970	5 16 3:12	41.6	1.52	23.3	8.84	5 16		26.7	84 09	1.79	41.8	.99	1.01
1971	4 2 6:20	34.3	9.63	32.3	19.7	4 2				1.06	49.9	.69	1.88
1972	4 13 17:10	36.8	18.4	30.8	15.8	4 13				1.23	42.9	.86	1.31
1973	3 11 21:26	40.8	23.9	25.4	9.91	3 12	-1			1.61	33.9	1.20	.71
1974	3 5 5:39	64.6	35.1	46.2	15.6	3 5				1.40	67.1	.96	1.06
1975	4 19 5:56	88.6	16.8	63.7	17.9	4 19				1.39	110	.81	1.30
1976	3 5 18:43	45.8	4.96	26.6	25.1	3 5		27.3	83 28	1.69	38.2	1.18	.77
1977	3 13 8:14	68.5	38.8	68.8	38.3	3 13				1.14	89.9	.76	1.56
1978	4 11 12:21	54.7	15.2	45.6	23.5	4 11				1.28	71.8	.76	1.49
1979	4 14 5:42	87.3	18.2	62.8	17.4	4 14				1.41	186	.82	1.27

02ED004 BAILEY CREEK NEAR BEETON

DRAINAGE AREA 287 SQ KM

REGULATED

PERIOD OF RECORD 1963-79

RECORDING GAUGE 1964-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1964	4 8 9:00	6.34	5.15	5.78	3.34	4 8				1.18	7.32	.87	1.47
1965	4 8 9:00	36.8	8.87	32.8	15.8	4 8				1.15	52.5	.70	1.62
1966	1 1 3:00	9.17	1.13	6.68	3.14	1 1				1.39	11.1	.83	1.27
1967	6 25 20:00	16.8	5.13	13.1	10.5	6 25				1.28	18.4	.91	1.18
1968	3 18 15:30	23.7	14.2	21.0	20.1	3 18				1.13	24.9	.95	1.10
1969	4 19 2:20	24.4	13.9	18.4	8.75	4 19		19.4	03 21	1.33	25.5	.96	1.08
1970	4 9 20:07	16.4	11.3	15.0	12.5	4 9				1.09	18.1	.91	1.30
1971	4 2 21:50	14.7	8.50	14.2	13.0	4 3	-1			1.04	17.7	.83	1.75
1972	4 14 10:31	43.0	30.9	34.5	34.3	4 13	1			1.25	36.4	1.18	.37
1973	4 3 2:27	21.0	14.2	19.1	12.0	4 3				1.10	24.7	.85	1.49
1974	NO DATA							49.0	03 05				
1975	4 19 15:00	38.2	14.4	31.1	23.5	4 19		36.0	02 25	1.23	43.3	.88	1.26
1976	3 21 0:30	32.6	16.4	19.7	9.97	3 21				1.65	26.2	1.24	.67
1977	NO DATA							13.6	10 02				
1978	4 2 16:59	37.9	23.0	33.7	22.2	4 2				1.12	44.4	.85	1.44
1979	NO DATA												

05PA012 BASSWOOD RIVER NEAR WINTON

DRAINAGE AREA 4510 SQ KM

REGULATED

PERIOD OF RECORD 1924-79

RECORDING GAUGE 1938-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1936	5 15 99:99	225	170	170	170	5 15		170	05 01	1.32	170	1.32	0.00
1939	5 21 99:99	137	129	134	131	5 21				1.02	138	.99	1.14
1940	NO DATA							112	06 06				
1941	5 6 99:99	134	129	131	131	5 6				1.02	132	1.02	.50
1942	NO DATA							131	05 25				
1943	NO DATA							150	06 05				
1944	NO DATA							200	06 18				
1945	NO DATA							170	04 19				
1946	NO DATA							170	18 20				
1947	NO DATA							170	05 19				
1948	NO DATA							261	05 09				
1949	NO DATA							102	07 16				
1950	5 24 6:30	442	428	438	438	5 24				1.03	431	1.03	.15
1951	NO DATA							191	05 13				
1952	5 8 4:00	108	107	108	108	5 7	1			1.00	108	1.00	2.00
1953	6 13 3:00	134	133	133	132	6 13		133	06 11	1.01	133	1.00	.67
1954	5 15 13:00	289	282	286	286	5 14	1			1.01	280	1.00	.00
1955	5 9 7:30	77.0	75.6	75.9	75.9	5 9				1.01	76.1	1.01	.24
1956	5 26 7:00	185	183	184	183	5 26				1.01	185	1.00	1.00
1957	5 9 11:00	189	184	187	187	5 8	1			1.01	188	1.00	.86
1958	NO DATA							35.7	10 01				
1959	6 3 7:30	65.7	64.0	64.3	64.0	6 3				1.02	64.6	1.02	.35
1960	5 14 22:00	139	135	136	136	5 14				1.02	136	1.02	.29
1961	5 22 23:00	114	113	114	110	5 23	-1			1.00	116	.98	2.00
1962	6 1 17:00	127	126	127	126	6 1				1.00	128	.99	2.00
1963	6 22 16:00	52.1	51.0	51.5	51.3	6 22				1.01	51.9	1.00	.74
1964	7 5 5:00	131	128	130	130	7 4	1			1.01	131	1.00	1.00
1965	5 25 15:50	174	170	172	172	5 25				1.01	173	1.01	.67
1966	5 24 21:30	220	215	216	215	5 24		10.6	10 24	1.02	217	1.01	.40
1967	5 11 12:30	130	129	129	129	5 10	1			1.01	129	1.01	0.00
1968	6 23 99:99	256	253	254	251	6 23				1.01	256	1.00	1.00
1969	5 5 16:00	226	221	224	224	5 5				1.01	225	1.00	.06
1970	6 17 99:99	202	199	200	198	6 17				1.01	201	1.00	.06
1971	5 4 99:99	206	204	205	205	5 5	-1			1.00	205	1.00	.67
1972	5 17 21:30	205	203	204	202	5 17				1.00	205	1.00	1.20
1973	NO DATA							132	10 22				
1974	6 18 4:00	175	172	174	174	6 17	1			1.01	175	1.00	1.00
1975	5 14 15:30	156	155	156	156	5 14				1.00	156	1.00	2.00
1976	4 30 19:00	224	221	222	219	4 30				1.01	224	1.00	1.00
1977	10 20 22:30	158	156	157	157	10 20				1.01	157	1.00	.67
1978	6 18 4:00	151	150	151	150	6 18				1.00	152	.99	2.00
1979	5 20 6:30	206	203	206	205	5 20				1.00	208	.99	2.00

02BF001 BATCHAWANA RIVER NEAR BATCHAWANA

DRAINAGE AREA 1198 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1967-79

RECORDING GAUGE 1969-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	CD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1969	4 17 20:00	136	127	134	128	4 17				1.01	140	.97	1.53
1970	6 1 19:03	138	122	126	108	8 2	-1			1.03	137	.95	1.47
1971	4 21 21:00	151	138	145	145	4 22	-1			1.04	148	1.02	.74
1972	5 3 11:29	233	223	228	209	5 3				1.02	240	.97	1.41
1973	4 17 13:24	154	75.9	158	141	4 17				1.03	191	.80	1.82
1974	4 29 18:30	250	234	238	201	4 30	-1			1.05	258	.97	1.26
1975	5 1 17:30	272	248	254	223	5 2	-1			1.07	272	1.00	1.01
1976	4 19 1:35	264	252	256	208	4 19				1.03	282	.94	1.53
1977	4 21 20:40	283	258	266	221	4 22	-1			1.06	292	.97	1.22
1978	5 13 22:31	175	156	166	140	5 14	-1			1.05	184	.95	1.33
1979	NO DATA							438	04 26				

02FF007 BAYFIELD RIVER NEAR VARNA

DRAINAGE AREA 466 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1966-79

RECORDING GAUGE 1967-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	CD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1967	4 3 13:30	151	37.9	118	35.7	4 3				1.28	199	.76	1.42
1968	2 2 12:30	303	73.6	264	188	2 2				1.15	437	.69	1.63
1969	4 5 12:00	135	41.3	111	43.8	4 5				1.22	179	.75	1.48
1970	4 9 6:44	138	62.9	107	50.7	4 9				1.21	157	.83	1.37
1971	4 2 15:30	181	38.2	91.7	68.6	4 2				1.10	133	.75	1.64
1972	12 31 20:45	195	28.9	148	123	12 31				1.32	224	.87	1.24
1973	NO DATA							58.0	03 15				
1974	5 17 5:52	163	38.5	127	58.1	5 17				1.28	209	.78	1.39
1975	4 19 12:11	218	35.1	141	57.5	4 19				1.16	315	.67	1.65
1976	3 5 19:39	188	38.6	120	118	3 5				1.57	169	1.11	.84
1977	3 13 18:27	311	128	248	157	3 13				1.11	417	.74	1.63
1978	4 1 19:28	181	75.3	85.2	64.8	4 2	-1			1.19	188	1.00	.99
1979	4 14 18:12	213	36.2	158	56.9	4 14				1.35	269	.79	1.34

02LB101 BEAR BROOK AT CARLSBAD SPRING

NATURAL FLOW

DRAINAGE AREA 65.^ SQ KM

PERIOD OF RECORD 1975-78

RECORDING GAUGE 1976-78

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	CD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
										1.05	30.6	.91	1.52
1976	3 28 6:22	27.7	21.6	26.4	22.9	3 28				1.03	29.4	.82	1.76
1977	3 14 22:38	24.2	15.2	23.4	19.6	3 14				1.11	28.8	1.08	1.08
1978	4 15 8:19	28.8	17.9	18.8	14.1	4 14	1						

02LB008 BEAR BROOK NEAR BOURGET

NATURAL FLOW

DRAINAGE AREA 448 SQ KM

PERIOD OF RECORD 1979-79

RECORDING GAUGE 1979-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
										1.28	386	.82	1.39
1979	3 25 19:39	316	188	269	188	3 25							

02GG004 BEAR CREEK ABOVE WILKESPORT

DRAINAGE AREA 689 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1964-79

RECORDING GAUGE 1965-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1965	2 12 6:00	104	74.8	91.7	43.6	2 12				1.13	124	.84	1.45
1966	12 9 4:00	143	96.0	128	81.3	12 9				1.12	167	.85	1.45
1967	12 23 15:45	188	65.4	186	83.0	12 23				1.02	137	.78	1.88
1968	2 3 19:00	225	128	214	159	2 3				1.05	284	.79	1.73
1969	2 2 5:16	48.7	38.2	44.7	28.3	2 2				1.09	56.2	.87	1.48
1970	4 4 20:10	92.9	48.5	88.4	76.5	4 4				1.16	102	.91	1.27
1971	3 2 1:48	48.7	35.1	47.6	43.9	3 1	1			1.02	55.7	.87	1.76
1972	4 18 19:46	69.4	48.8	68.3	57.8	4 18				1.15	71.3	.97	1.89
1973	1 2 4:45	128	88.1	108	71.4	1 2				1.11	136	.88	1.48
1974	3 6 18:06	88.3	62.8	84.4	68.5	3 6				1.05	103	.85	1.66
1975	2 26 4:01	78.8	68.0	66.8	49.8	2 26				1.06	79.1	.98	1.51
1976	2 19 21:20	128	117	123	105	2 20	-1			1.04	135	.95	1.41
1977	3 13 8:37	59.7	58.3	59.2	57.5	3 13				1.01	60.5	.99	1.44
1978	NO DATA							101	03 24				
1979	4 15 16:11	166	73.5	152	73.5	4 15				1.09	230	.72	1.78

02GG006 BEAR CREEK NEAR PETROLIA

DRAINAGE AREA 267 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1966-79

RECORDING GAUGE 1967-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1967	12 22 12:30	112	12.5	81.8	32.4	12 22				1.38	139	.80	1.31
1968	2 2 16:00	160	19.8	81.0	36.2	2 2				1.98	133	1.19	.68
1969	1 31 7:11	35.4	14.2	32.3	17.8	1 31				1.10	46.6	.73	1.68
1970	4 3 9:03	104	18.9	79.3	32.3	4 3				1.31	132	.78	1.37
1971	2 26 2:14	36.8	23.5	31.1	17.8	2 26				1.18	41.6	.89	1.29
1972	12 31 23:59	98.9	42.8	53.8	17.2	1 1	-1			1.72	76.0	1.20	.76
1973	3 12 6:10	66.8	13.5	46.2	14.1	3 12		53.0	01 01	1.43	76.6	.86	1.21
1974	5 17 10:56	82.1	19.2	62.6	27.9	5 17				1.31	101	.81	1.33
1975	4 19 19:50	78.7	4.84	39.1	33.7	4 19				2.01	58.9	1.34	.67
1976	NO DATA							108	02 20				
1977	NO DATA							48.5	03 18				
1978	NO DATA							58.6	03 24				
1979	4 14 12:42	226	12.7	156	44.5	4 14				1.45	283	.80	1.29

02HK006 BEAVER CREEK NEAR HARMORA

DRAINAGE AREA 541 SQ KM

REGULATED

PERIOD OF RECORD 1973-79

RECORDING GAUGE 1975-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1975	4 21 3:26	53.8	48.1	52.7	47.9	4 21				1.02	57.4	.94	1.02
1976	4 2 16:56	88.1	67.1	79.8	73.9	4 2				1.01	87.5	.92	1.77
1977	NO DATA							32.0	03 17				
1978	4 22 12:37	54.1	47.6	53.5	50.7	4 22				1.01	57.9	.94	1.76
1979	3 26 12:54	64.7	54.6	62.6	58.1	3 26				1.03	68.9	.94	1.58

02FP009 BEAVER RIVER NEAR CLARKSBURG

DRAINAGE AREA 572 SQ KM

REGULATED

PERIOD OF RECORD 1957-79

RECORDING GAUGE 1957-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1957	12 28 23:00	51.0	21.0	30.9	22.3	12 21	-1			1.65	48.2	1.27	.63
1958	3 29 19:30	19.4	14.6	15.8	15.7	3 29		15.9	04 06	1.23	16.5	1.18	.31
1959	4 5 21:00	47.6	30.9	34.5	34.5	4 5		38.5	04 08	1.38	36.3	1.31	.24
1960	NO DATA												
1961	3 27 19:00	31.4	20.1	24.8	21.3	3 28	-1			1.27	28.9	1.09	.77
1962	12 7 0:01	45.3	12.7	27.0	16.6	12 7		32.6	03 29	1.68	39.4	1.15	.81
1963	3 26 20:00	54.4	50.4	52.1	42.0	3 27	-1			1.04	57.6	.94	1.41
1964	NO DATA							17.0	03 05				
1965	4 12 3:00	68.0	31.1	56.4	46.4	4 12				1.06	74.1	.91	1.66
1966	2 10 14:30	66.5	28.3	39.1	27.0	2 11	-1			1.75	58.2	1.37	.55
1967	7 10 16:30	54.4	19.7	23.0	22.4	7 11	-1	38.0	04 01	2.37	25.0	2.18	.12
1968	2 2 12:40	79.0	16.0	62.0	44.7	2 2				1.27	93.2	.85	1.38
1969	4 18 9:15	45.6	37.2	38.2	33.7	4 18		39.6	04 11	1.19	41.0	1.11	.54
1970	4 9 3:15	47.9	21.2	45.3	32.0	4 9				1.06	63.7	.75	1.75
1971	3 15 20:55	54.4	23.0	45.3	30.3	3 16	-1			1.23	64.0	.85	1.34
1972	4 14 20:36	50.6	47.9	48.4	48.4	4 14		49.3	04 19	1.21	48.7	1.20	.05
1973	3 30 12:44	45.6	35.1	39.9	36.5	3 30				1.14	44.0	1.04	.04
1974	4 14 1:30	80.4	21.4	23.6	23.2	4 15	-1	61.4	03 05	3.41	24.9	3.23	.04
1975	4 19 3:40	81.0	30.5	71.6	62.0	4 19				1.14	92.6	.88	1.35
1976	3 21 2:55	60.0	47.9	61.2	49.0	3 21				1.12	74.0	.93	1.25
1977	3 13 5:21	96.3	42.5	73.1	61.2	3 13				1.32	94.3	1.02	.96
1978	4 1 16:16	44.7	11.4	33.1	25.9	4 1				1.35	47.6	.94	1.11
1979	4 14 0:03	66.5	24.6	51.9	43.7	4 14				1.28	69.7	.95	1.10

82FB003 BEAVER RIVER NEAR KIMBERLEY

DRAINAGE AREA 262 SQ KM

REGULATED

PERIOD OF RECORD 1914-51

RECORDING GAUGE 1936-51

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1936	3 27 20:00	11.3	6.06	8.35	7.36	3 27				1.35	9.99	1.13	.71
1937	2 9 8:10	24.2	4.62	4.62	4.62	2 9		7.73	04 06	5.24	4.62	5.24	0.00
1938	3 23 20:30	19.0	13.8	14.1	10.0	3 24	-1			1.35	16.3	1.17	.62
1939	4 16 22:00	14.9	9.00	11.2	9.00	4 19	-1			1.33	12.6	1.18	.55
1940	4 8 17:00	15.5	4.56	9.00	8.13	4 8		10.7	12 30	1.50	13.3	1.17	.75
1941	10 5 8:00	17.0	3.37	8.92	4.50	10 5		9.26	04 14	2.00	13.9	1.20	.72
1942	3 17 6:00	26.2	7.62	21.0	16.1	3 17				1.25	30.1	.87	1.27
1943	4 1 4:00	23.3	15.7	19.0	16.0	4 1				1.10	23.0	.90	1.06
1944	4 10 12:00	11.3	4.42	7.96	7.07	4 10				1.42	9.70	1.16	.70
1945	7 15 19:00	17.0	11.3	13.6	10.6	7 16	-1	14.1	03 16	1.25	16.3	1.05	.00
1946	3 7 6:00	16.6	9.12	15.6	12.4	3 7				1.06	20.4	.01	1.66
1947	4 11 18:00	30.6	11.9	23.0	23.5	4 11				1.29	29.9	1.02	.95
1948	3 19 18:00	20.4	10.6	18.3	15.6	3 20	-1	18.9	03 22	1.11	23.5	.87	1.42
1949	12 22 12:00	22.1	10.7	10.1	13.3	12 22		10.4	03 20	1.22	24.2	.91	1.21
1950	4 4 10:00	31.7	9.49	25.3	21.0	4 4				1.25	35.1	.90	1.21
1951	4 25 22:30	29.2	17.1	23.5	20.2	4 26	-1			1.24	28.4	1.03	.92

82EC011 BEAVERTON RIVER NEAR BEAVERTON

DRAINAGE AREA 282 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1966-79

RECORDING GAUGE 1967-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1967	12 22 7:30	26.6	9.46	18.6	11.4	12 22		19.4	04 03	1.43	26.8	.99	1.01
1968	3 27 4:00	55.8	29.4	37.1	25.6	3 27				1.50	46.7	1.19	.60
1969	3 21 8:35	45.0	19.0	41.3	30.0	3 21				1.09	58.1	.77	1.64
1970	4 9 13:30	39.9	18.3	27.3	25.3	4 9				1.46	36.8	1.08	.06
1971	4 11 22:30	38.0	28.1	36.0	30.6	4 10	1			1.00	42.7	.91	1.41
1972	4 17 19:50	52.7	36.2	42.5	40.5	4 18	-1	44.7	04 15	1.24	46.7	1.13	.50
1973	3 8 0:40	51.3	33.7	37.4	20.0	3 8				1.37	47.6	1.00	.04
1974	NO DATA												
1975	4 19 9:11	58.9	19.1	47.6	29.4	4 19		56.6	03 05				
1976	NO DATA							48.1	02 25	1.24	70.9	.03	1.35
1977	NO DATA							52.7	03 21				
1978	4 11 22:03	49.6	39.9	40.2	34.0	4 13	-2	52.7	03 13				
1979	3 25 5:30	49.9	40.0	40.7	26.1	3 25				1.23	43.5	1.14	.51
										1.23	40.4	1.03	.91

02ED100 BEETON CREEK NEAR TOTTENHAM

DRAINAGE AREA 86.0 SQ KM

REGULATED

PERIOD OF RECORD 1968-79

RECORDING GAUGE 1970-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1970	4 8 23:00	6.91	3.74	6.09	5.00	4 8				1.13	7.41	.93	1.23
1971	4 2 16:30	7.65	1.70	5.66	3.23	4 2				1.35	8.06	.86	1.23
1972	4 13 10:40	19.8	9.49	15.1	8.16	4 13				1.31	21.4	.93	1.14
1973	1 19 17:39	8.89	1.64	5.55	3.00	1 19				1.60	8.78	1.01	.90
1974	3 5 2:46	22.7	10.9	14.0	3.65	3 5				1.62	20.7	1.10	.87
1975	4 19 5:41	16.3	4.13	9.97	3.23	4 19				1.63	16.3	1.00	1.00
1976	3 20 23:47	9.51	2.65	8.72	6.54	3 20				1.09	12.8	.74	1.68
1977	3 9 20:25	13.5	1.99	6.54	5.06	3 9		8.61	03 05	2.06	9.16	1.47	.55
1978	4 7 20:47	14.7	4.81	10.6	4.19	4 7				1.39	16.7	.88	1.20
1979	NO DATA							17.0	03 05				

05QA005 BELL RIVER ABOVE STURGEON LAKE

DRAINAGE AREA 189 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1973-78

RECORDING GAUGE 1975-78

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1975	6 14 7:46	2.36	2.33	2.34	2.31	6 14				1.01	2.36	1.00	1.00
1976	4 19 1:42	2.92	2.22	2.46	2.32	4 19				1.02	2.65	.95	1.12
1977	7 19 23:00	1.83	1.66	1.72	1.70	7 19				1.06	1.75	1.05	.43
1978	6 8 10:21	4.22	4.02	4.11	4.00	6 8				1.03	4.17	1.01	.71

02DF003 BENNET CREEK AT SAULT STE MARIE

DRAINAGE AREA 18.6 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1971-78

RECORDING GAUGE 1971-78

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1971	4 28 4:21	4.42	3.31	3.94	3.89	4 28				1.12	4.68	.94	1.21
1972	5 3 5:05	6.99	3.96	5.78	5.41	5 2	1			1.21	6.88	1.02	.95
1973	11 22 3:24	5.66	1.95	3.79	1.42	11 22				1.49	6.18	.93	1.18
1974	NO DATA							3.79	04 22				
1975	5 1 9:55	10.5	2.92	7.84	2.97	5 1				1.34	12.7	.82	1.38
1976	NO DATA							4.25	03 28				
1977	4 19 0:10	5.80	3.45	4.47	4.47	4 10	1			1.34	4.98	1.28	.98
1978	NO DATA												

05PD026 BERRY CREEK AT THE OUTLET OF BERRY LAKE

DRAINAGE AREA UNKNOWN

REGULATED

PERIOD OF RECORD 1979-79

RECORDING GAUGE 1979-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1979	5 2 13:41	27.2	26.4	27.8	25.9	5 2				1.81	27.4	.99	1.27

02GC006 BIG CREEK NEAR DELHI

DRAINAGE AREA 363 SQ KM REGULATED

PERIOD OF RECORD 1955-79

RECORDING GAUGE 1964-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1964	4 8 16:00	11.2	6.65	8.41	8.33	4 8				1.33	9.33	1.20	.58
1965	3 7 2:00	148	30.6	106	87.8	3 6	1			1.40	152	.97	1.05
1966	12 10 23:30	24.9	21.2	21.5	20.9	12 11	-1			1.16	22.0	1.13	.23
1967	4 4 16:30	26.6	10.2	18.1	13.3	4 4				1.47	24.5	1.09	.86
1968	2 3 13:00	61.4	31.4	54.4	31.1	2 3				1.13	77.6	.79	1.54
1969	1 31 18:20	61.7	31.1	51.3	35.7	1 31				1.20	69.2	.89	1.27
1970	4 4 20:03	14.0	10.2	13.0	11.6	4 4				1.08	15.1	.93	1.35
1971	3 17 9:38	26.4	15.8	22.7	14.6	3 17				1.16	30.2	.87	1.34
1972	4 18 15:52	20.0	16.4	18.3	12.9	4 18		18.3	03 23	1.09	22.0	.91	1.36
1973	3 16 3:32	37.9	26.5	31.1	20.9	3 16				1.22	38.5	.98	1.84
1974	1 28 15:20	43.0	16.5	29.2	28.3	1 28		30.6	03 06	1.47	36.0	1.19	.66
1975	3 21 7:15	24.0	18.8	21.9	16.7	3 21				1.10	26.1	.92	1.33
1976	3 6 23:36	62.9	22.2	49.0	46.7	3 6				1.28	63.5	.99	1.02
1977	3 14 18:17	33.7	22.3	28.6	22.3	3 14				1.18	34.9	.97	1.11
1978	3 24 4:04	43.9	36.2	40.9	34.0	3 24				1.08	46.5	.94	1.38
1979	4 15 13:21	53.0	21.5	44.3	24.1	4 15		50.0	03 05	1.20	65.8	.81	1.42

02GC011 BIG CREEK NEAR KELVIN

DRAINAGE AREA 142 SQ KM

REGULATED

PERIOD OF RECORD 1963-78

RECORDING GAUGE 1964-78

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1964	4 7 18:00	4.13	3.48	3.94	3.51	4 6	-1			1.05	4.39	.94	1.48
1965	2 11 1:00	54.1	13.9	36.2	11.9	2 11				1.49	59.5	.91	1.13
1966	12 11 8:00	15.9	7.84	11.8	7.22	12 11				1.35	16.1	.99	1.02
1967	4 3 14:00	26.2	4.11	15.4	10.3	4 3				1.70	23.6	1.11	.66
1968	2 2 19:00	53.0	7.53	35.1	27.5	2 2				1.51	52.7	1.01	.99
1969	1 31 4:30	62.0	21.4	43.0	16.3	1 31				1.44	67.1	.92	1.12
1970	4 4 0:14	11.7	9.03	9.46	9.95	4 4				1.24	11.4	1.02	.94
1971	3 16 7:20	26.0	5.97	20.4	10.2	3 16				1.27	32.7	.79	1.37
1972	3 23 13:35	21.4	11.1	17.4	9.12	3 23				1.23	24.7	.87	1.29
1973	3 15 7:12	28.3	9.06	22.0	9.83	3 15				1.29	34.6	.82	1.33
1974	1 27 22:59	44.5	17.1	27.1	10.7	1 28	-1			1.64	40.3	1.10	.86
1975	3 20 11:37	21.7	10.2	17.6	11.8	3 20				1.23	24.2	.90	1.23
1976	3 6 6:43	51.3	18.9	41.1	15.6	3 6				1.25	65.0	.79	1.48
1977	3 13 21:36	27.9	11.4	18.5	17.4	3 13				1.51	22.6	1.23	.61
1978	3 23 0:09	36.8	25.8	34.3	26.7	3 23				1.07	42.4	.87	1.53

02GC007 BIG CREEK NEAR WALSINGHAM

DRAINAGE AREA 591 SQ KM

REGULATED

PERIOD OF RECORD 1955-79

RECORDING GAUGE 1966-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1966	12 11 5:00	28.9	26.5	28.6	26.3	12 11				1.01	30.8	.94	1.76
1967	4 5 18:00	24.6	19.3	23.2	21.5	4 5				1.06	26.0	.95	1.33
1968	2 4 11:30	133	43.3	65.1	32.3	2 4				2.04	92.4	1.44	.57
1969	2 1 11:14	91.7	40.2	81.8	79.3	1 31	1			1.12	103	.88	1.38
1970	4 5 13:55	18.0	16.4	17.7	15.5	4 5				1.02	19.5	.93	1.71
1971	2 28 12:14	31.7	16.7	29.4	23.6	2 28				1.08	38.7	.82	1.68
1972	3 2 15:03	38.5	4.76	28.3	25.5	3 2				1.36	41.5	.93	1.13
1973	3 17 13:21	39.6	34.5	38.2	33.4	3 17				1.04	42.5	.93	1.58
1974	1 29 20:18	57.5	39.6	48.2	25.8	1 30	-1			1.43	47.7	1.21	.68
1975	3 22 19:55	29.4	22.9	28.3	25.0	3 22				1.04	32.7	.90	1.68
1976	3 7 18:56	67.1	50.7	61.7	48.1	3 7				1.09	74.8	.91	1.39
1977	3 13 16:38	39.1	38.9	38.8	37.7	3 13				1.01	43.3	.90	1.88
1978	3 24 17:37	53.8	47.6	52.1	49.6	3 24		52.4	83 22	1.03	55.6	.97	1.35
1979	3 6 11:58	55.8	51.3	54.8	39.3	3 6				1.03	62.7	.89	1.66

02GC017 BIG OTTER CREEK ABOVE OTTERVILLE

DRAINAGE AREA 93.2 SQ KM

REGULATED

PERIOD OF RECORD 1964-79

RECORDING GAUGE 1965-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	CP/Q2	PREDICTED PEAK QPP	CP/CPP	K
1965	2 10 20:00	30.3	11.3	16.5	8.67	2 11	-1	24.9	03 08	1.84	23.0	1.32	.64
1966	12 8 3:30	15.5	3.71	13.3	7.05	12 8				1.17	21.2	.73	1.57
1967	4 3 13:30	23.8	3.28	15.8	7.08	4 3				1.59	24.8	.96	1.05
1968	2 2 17:00	38.8	4.16	30.0	22.5	2 2				1.29	46.7	.83	1.31
1969	1 30 19:02	32.3	14.2	25.1	19.9	1 30				1.29	33.2	.97	1.06
1970	4 3 12:36	7.84	2.61	7.02	5.64	4 3				1.12	9.92	.79	1.56
1971	3 16 6:07	10.0	5.66	8.50	5.30	3 16				1.18	11.5	.87	1.33
1972	3 22 19:48	16.7	11.5	11.8	5.52	3 23	-1			1.42	15.1	1.11	.88
1973	3 12 4:24	25.5	8.67	19.0	8.41	3 12				1.34	29.5	.87	1.23
1974	1 27 17:36	32.8	3.62	18.0	17.6	1 27		18.2	03 05	1.82	25.4	1.29	.67
1975	2 24 23:16	11.4	8.78	10.3	4.59	2 25	-1	10.4	03 20	1.11	13.9	.82	1.53
1976	3 5 23:39	30.6	15.5	16.4	8.95	3 6	-1			1.87	20.6	1.49	.45
1977	3 13 15:42	26.2	9.54	18.0	12.8	3 13				1.46	25.2	1.04	.94
1978	3 24 13:17	14.0	11.4	12.7	11.1	3 23	1			1.10	14.2	.99	1.05
1979	4 14 11:35	17.9	5.30	12.2	7.75	4 14				1.47	17.9	1.00	1.00

02GC010 BIG OTTER CREEK AT TILLSONBURG

DRAINAGE AREA 342 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1960-79

RECORDING GAUGE 1961-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1961	4 26 9:50	37.9	19.6	32.8	16.7	4 26				1.16	47.5	.80	1.48
1962	3 13 4:00	78.2	37.9	63.4	30.6	3 13				1.23	92.6	.84	1.33
1963	3 18 4:15	56.4	26.1	49.8	29.7	3 18				1.13	71.7	.79	1.54
1964	3 26 15:30	16.7	3.26	12.6	11.5	3 26		14.6	04 07	1.33	17.8	.94	1.12
1965	3 6 7:00	146	59.7	123	69.4	3 6				1.19	181	.80	1.44
1966	12 8 12:30	43.0	26.1	41.3	32.3	12 8				1.04	53.4	.81	1.75
1967	12 22 12:30	33.4	7.33	38.9	21.2	12 22				1.00	47.5	.70	1.74
1968	2 2 20:00	112	24.0	80.1	69.7	2 2				1.40	113	.99	1.02
1969	1 31 5:00	123	66.0	101	29.7	1 31				1.22	154	.80	1.41
1970	4 3 0:07	32.0	15.1	25.2	17.4	4 3				1.27	34.2	.94	1.14
1971	2 28 7:10	44.7	25.5	39.6	24.0	2 28		40.5	03 16	1.13	54.5	.82	1.49
1972	3 22 99:99	41.9	21.5	41.9	36.0	3 22				1.00	54.7	.77	2.00
1973	3 12 7:33	73.3	30.9	64.0	32.0	3 12				1.15	96.2	.76	1.55
1974	1 28 13:05	73.6	47.0	66.5	26.0	1 28				1.11	96.1	.77	1.61
1975	2 25 5:10	45.9	32.0	37.1	16.7	2 25		37.7	03 20	1.24	49.9	.92	1.18
1976	3 6 4:27	118	56.9	95.7	36.0	3 6				1.23	144	.82	1.37
1977	3 13 22:34	63.1	28.1	53.5	49.0	3 13				1.18	68.1	.93	1.20
1978	3 24 2:20	63.1	53.0	58.9	55.5	3 23	1			1.07	63.6	.99	1.05
1979	3 5 1:53	110	51.6	82.6	27.0	3 5				1.33	125	.88	1.22

02GC026 BIG OTTER CREEK NEAR CALTON

DRAINAGE AREA 676 SQ KM

REGULATED

PERIOD OF RECORD 1975-79

RECORDING GAUGE 1977-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1977	10 27 6:02	80.1	55.0	77.6	51.0	10 27		78.2	03 14	1.03	101	.79	1.81
1978	NO DATA							100	03 23				
1979	NO DATA							130	03 05				

02GC004 BIG OTTER CREEK NEAR VIENNA

DRAINAGE AREA 697 SQ KM REGULATED

PERIOD OF RECORD 1948-75

RECORDING GAUGE 1964-75

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1964	6 24 3:00	28.2	21.9	23.8	15.2	6 24				1.18	29.1	.97	1.09
1965	3 7 5:00	218	92.6	181	166	3 6	1			1.16	232	.90	1.28
1966	12 8 10:30	58.9	36.5	57.8	58.4	12 8				1.02	72.2	.82	1.86
1967	12 22 3:00	52.4	22.5	51.0	40.2	12 22				1.03	70.7	.74	1.87
1968	2 3 23:30	151	62.3	105	96.6	2 3				1.44	130	1.16	.71
1969	1 30 21:00	175	103	145	117	1 31	-1			1.21	180	.97	1.08
1970	4 3 15:56	41.9	22.6	40.2	32.8	4 3				1.04	52.7	.80	1.76
1971	2 28 11:51	61.4	33.4	59.5	53.8	2 28				1.03	75.4	.81	1.79
1972	3 23 2:00	64.3	52.1	58.0	35.1	3 23				1.11	72.4	.89	1.39
1973	3 16 7:30	75.9	69.7	73.1	60.8	3 16				1.04	81.3	.93	1.49
1974	3 6 19:57	65.4	59.7	64.6	46.2	3 6		65.1	01 29	1.01	76.2	.86	1.87
1975	2 25 16:30	68.6	51.8	59.7	44.2	2 25				1.02	71.4	.85	1.86

02FB010 BIGHEAD RIVER NEAR MEAFORD

DRAINAGE AREA 293 SQ KM REGULATED

PERIOD OF RECORD 1957-79

RECORDING GAUGE 1967-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1967	4 1 7:00	64.0	47.6	56.1	32.6	4 1				1.14	72.1	.89	1.34
1968	2 2 17:45	78.4	18.9	63.1	37.4	2 2				1.24	102	.77	1.44
1969	4 5 9:37	43.9	28.7	39.6	24.7	4 5				1.11	56.5	.78	1.59
1970	4 9 19:03	51.0	18.3	46.7	32.8	4 9				1.09	68.3	.75	1.67
1971	4 13 7:16	55.8	39.4	50.7	33.1	4 13				1.10	65.2	.86	1.48
1972	4 18 23:00	68.3	46.7	49.8	34.5	4 19	-1	52.1	04 14	1.21	59.0	1.02	.93
1973	1 1 0:00	49.9	24.9	28.3	14.2	1 1		34.0	01 19	1.62	37.1	1.24	.66
1974	4 4 9:17	79.3	28.3	65.7	32.8	4 4				1.21	101	.78	1.45
1975	4 19 6:00	101	43.6	84.7	47.9	4 19				1.19	123	.82	1.41
1976	3 21 3:49	132	69.7	101	41.1	3 21				1.31	146	.90	1.19
1977	3 13 13:01	123	56.6	114	68.0	3 13				1.08	165	.74	1.78
1978	4 2 2:36	45.9	30.9	35.1	17.1	4 2				1.31	46.2	.99	1.01
1979	4 14 12:18	61.4	15.4	50.7	29.8	4 14				1.21	79.2	.78	1.45

02HC027 BLACK CREEK AT SCARLETT ROAD

DRAINAGE AREA 58.0 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1966-79

RECORDING GAUGE 1967-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1967	4 2 21:30	27.5	2.83	6.26	1.68	4 3	-1			4.39	10.3	2.68	.32
1968	2 1 19:00	26.9	9.26	14.1	4.08	2 2	-1			1.91	21.5	1.25	.73
1969	7 24 19:46	39.6	.261	3.88	.923	7 24		8.69	04 18	10.21	7.17	5.52	.17
1970	8 30 18:28	43.0	.281	9.34	1.48	8 30		15.9	03 05	4.60	17.8	2.41	.48
1971	6 25 12:15	35.4	.232	7.33	.742	6 25		8.78	07 06	4.83	14.2	2.50	.39
1972	8 2 6:14	42.5	.198	4.84	.685	8 2		11.0	12 03	8.78	9.24	4.60	.21
1973	6 28 16:42	33.4	.263	5.89	1.46	6 28		9.54	03 11	5.67	10.9	3.06	.31
1974	8 23 14:35	48.2	.221	2.97	.340	8 23		14.9	01 27	13.54	5.66	7.10	.13
1975	4 18 22:50	39.1	3.48	13.6	1.89	4 19	-1	15.4	02 24	2.88	24.5	1.59	.68
1976	6 13 20:40	54.7	.195	3.65	1.08	6 13		10.5	03 05	14.99	6.66	8.21	.11
1977	7 6 16:06	68.8	.178	13.3	2.94	7 6				5.17	25.0	2.75	.35
1978	10 18 20:23	58.1	1.92	9.97	2.86	10 18				5.83	17.6	2.85	.32
1979	7 11 16:28	50.3	.986	3.85	.475	7 11		22.2	12 25	16.49	5.41	9.30	.18

02LA008 BLACK RAPIDS CREEK TRIBUTARY AT OTTAWA

DRAINAGE AREA 1.63 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1972-79

RECORDING GAUGE 1975-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1975	4 19 11:55	1.98	.521	.886	.365	4 19				2.23	1.33	1.49	.58
1976	NO DATA							1.13	03 28				
1977	NO DATA							0.991	03 14				
1978	4 14 18:30	1.77	.513	.923	.612	4 14				1.92	1.28	1.38	.68
1979	NO DATA												

02EC008 BLACK RIVER AT BALDWIN

DRAINAGE AREA 311 SQ KM REGULATED

PERIOD OF RECORD 1964-69

RECORDING GAUGE 1965-69

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1965	2 11 20:40	48.7	3.54	32.6	25.7	2 11				1.49	50.6	.96	1.86
1966	3 3 16:30	8.61	5.19	6.23	5.38	3 4	-1	6.51	01 01	1.38	7.22	1.19	.59
1967	6 13 23:00	29.4	14.4	22.1	8.50	6 14	-1			1.33	32.8	.90	1.19
1968	3 21 0:01	28.9	25.1	26.0	19.5	3 21				1.11	29.7	.97	1.12
1969	3 22 20:29	26.5	21.7	23.0	21.3	3 22				1.15	24.5	1.08	.60

02EC012 BLACK RIVER AT SUTTON.

DRAINAGE AREA 324 SQ KM REGULATED

PERIOD OF RECORD 1969-79

RECORDING GAUGE 1970-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1970	4 18 6:25	27.8	25.5	26.4	19.8	4 18				1.05	30.2	.92	1.46
1971	4 4 12:00	22.9	18.1	22.3	19.3	4 4				1.03	25.9	.88	1.71
1972	4 14 21:14	66.5	50.1	61.4	51.5	4 14				1.08	72.0	.92	1.35
1973	3 13 18:06	26.1	19.9	24.4	18.5	3 13				1.07	29.6	.88	1.51
1974	3 7 8:26	44.7	34.3	38.2	21.4	3 7				1.17	48.6	.92	1.23
1975	2 26 2:33	51.0	22.5	41.9	23.1	2 26				1.22	61.0	.84	1.35
1976	3 21 20:32	33.1	24.8	27.3	21.2	3 22	-1			1.21	31.6	1.05	.85
1977	3 13 20:39	34.1	25.2	30.9	30.3	3 13				1.11	34.1	1.01	.96
1978	4 9 8:31	36.5	27.4	34.8	28.9	4 8	1			1.05	41.5	.88	1.59
1979	3 6 22:04	27.5	20.5	22.1	16.8	3 7	-1			1.24	25.6	1.08	.78

02ML003 BLACK RIVER NEAR ACTINOLITE

DRAINAGE AREA 401 SQ KM

REGULATED

PERIOD OF RECORD 1955-79

RECORDING GAUGE 1962-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1962	3 31 20:30	35.7	28.9	30.3	24.5	4 1	-1			1.18	33.9	1.05	.88
1963	3 31 17:30	45.6	36.8	44.2	41.9	3 31				1.03	49.1	.93	1.55
1964	4 15 8:00	23.2	19.1	22.9	21.4	4 15				1.01	25.6	.91	1.88
1965	4 13 13:30	62.3	45.0	54.7	47.0	4 13				1.14	63.4	.98	1.07
1966	12 9 9:00	39.9	38.6	37.9	35.7	12 9				1.05	42.7	.94	1.41
1967	4 3 11:00	38.8	35.1	38.2	34.0	4 3				1.02	41.9	.93	1.72
1968	3 30 14:05	32.6	27.8	30.6	30.6	3 29	1			1.07	32.0	1.02	.82
1969	5 20 6:55	69.9	50.7	62.6	46.7	5 20				1.12	76.5	.91	1.31
1970	4 15 18:58	27.1	24.7	26.6	26.6	4 15				1.02	27.6	.98	1.31
1971	4 21 6:31	43.6	42.2	43.3	41.9	4 21				1.01	44.6	.98	1.61
1972	4 19 17:50	51.8	45.3	50.7	48.1	4 19				1.02	54.7	.95	1.57
1973	3 18 20:48	51.5	36.8	48.7	48.4	3 18				1.06	54.8	.94	1.37
1974	4 5 11:20	48.4	31.7	47.8	43.0	4 5				1.03	56.7	.85	1.75
1975	4 20 11:50	57.2	43.0	54.9	52.7	4 20				1.04	62.8	.92	1.51
1976	4 2 21:01	72.2	62.9	71.1	67.4	4 2				1.02	77.8	.94	1.69
1977	3 15 5:20	44.5	39.4	43.3	39.9	3 15				1.03	47.0	.95	1.51
1978	4 21 22:27	47.3	44.7	45.3	39.9	4 22	-1			1.04	48.3	.98	1.20
1979	3 25 21:47	54.9	51.6	51.9	43.2	3 26	-1			1.06	56.4	.97	1.20

02BB002 BLACK RIVER NEAR MARATHON

DRAINAGE AREA 1980 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1967-79

RECORDING GAUGE 1969-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1969	4 21 6:30	182	128	174	155	4 21				1.05	206	.88	1.60
1970	5 2 11:36	185	170	184	172	5 2				1.01	197	.94	1.86
1971	5 26 19:10	237	178	225	202	5 26				1.01	224	.92	1.61
1972	5 3 1:00	199	190	197	196	5 3				1.01	198	1.01	.67
1973	5 18 17:18	189	152	186	182	5 18				1.02	205	.92	1.73
1974	5 4 11:08	162	143	161	157	5 4				1.01	172	.94	1.83
1975	5 6 14:04	199	190	198	197	5 6				1.01	202	.98	1.64
1976	NO DATA							248	04 20				
1977	4 23 9:38	237	230	236	231	4 23				1.00	241	.98	1.69
1978	5 16 11:43	122	116	122	119	5 16				1.00	126	.96	2.00
1979	5 12 16:45	302	283	301	300	5 12				1.00	310	.97	1.81

02EC002 BLACK RIVER NEAR WASHAGO

DRAINAGE AREA 1520 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1913-79

RECORDING GAUGE 1975-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1975	4 21 4:53	150	143	149	148	4 21				1.01	152	.98	1.56
1976	4 3 9:05	200	198	199	197	4 3				1.01	200	1.00	1.28
1977	NO DATA							130	03 15				
1978	4 22 10:30	106	102	106	105	4 22				1.00	108	.98	2.08
1979	3 26 17:57	148	132	147	147	3 26				1.01	154	.96	1.76

02AC002 BLACK STURGEON RIVER AT HIGHWAY NO.17

DRAINAGE AREA 2989 SQ KM

REGULATED

PERIOD OF RECORD 1971-79

RECORDING GAUGE 1971-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1971	5 26 8:10	237	219	230	197	5 26				1.03	256	.92	1.58
1972	5 2 2:23	93.4	90.3	92.6	87.5	5 2				1.01	96.3	.97	1.64
1973	5 9 9:00	65.1	61.4	64.8	63.4	5 9				1.00	67.2	.97	1.78
1974	5 13 7:12	131	122	128	120	5 13				1.02	135	.97	1.48
1975	6 17 14:09	91.2	75.9	98.8	85.8	6 17				1.01	99.1	.92	1.77
1976	4 17 19:37	143	96.8	136	118	4 17				1.05	165	.87	1.61
1977	NO DATA							101	10 11				
1978	NO DATA							79.9	06 03				
1979	5 11 21:41	128	122	124	116	5 12	-1			1.03	129	.99	1.11

02AD010 BLACKWATER RIVER AT BEARDMORE

DRAINAGE AREA 650 SQ KM

PERIOD OF RECORD 1971-79

RECORDING GAUGE 1973-79

NATURAL FLOW

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF C2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1973	4 26 1:34	52.4	49.0	52.1	52.1	4 25	1			1.01	53.7	.98	1.68
1974	5 24 22:26	52.1	51.5	52.1	51.8	5 24				1.00	52.6	.99	2.00
1975	6 21 2:03	56.1	55.2	55.5	52.7	6 21				1.01	57.0	.98	1.44
1976	4 24 5:47	59.5	57.5	59.2	59.2	4 23	1			1.01	60.1	.99	1.48
1977	4 25 22:05	73.3	68.0	72.5	72.5	4 25				1.01	74.8	.98	1.48
1978	6 5 5:45	39.1	38.2	38.5	37.4	6 5				1.02	39.2	1.00	1.00
1979	5 15 4:36	48.2	46.9	48.1	47.1	5 15				1.00	49.2	.98	1.03

02JC008 BLANCHE RIVER ABOVE ENGLEHART

DRAINAGE AREA 1780 SQ KM

PERIOD OF RECORD 1968-79

RECORDING GAUGE 1970-79

NATURAL FLOW

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF C2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1970	5 2 5:15	269	194	246	187	5 2				1.09	381	.89	1.41
1971	5 1 1:23	135	129	132	129	4 30	1			1.02	135	1.00	1.00
1972	5 1 2:39	227	132	202	174	5 1				1.12	251	.90	1.32
1973	5 3 1:08	126	94.6	123	112	5 3				1.02	142	.88	1.74
1974	4 28 13:22	227	174	221	212	4 28				1.03	249	.91	1.65
1975	5 2 3:38	159	151	154	152	5 2				1.03	156	1.02	.67
1976	4 28 1:16	268	251	260	246	4 28				1.03	271	.99	1.18
1977	NO DATA							210.	04 23				
1978	NO DATA							159.	05 16				
1979	NO DATA							221.	04 28				

02JC009 BLANCHE RIVER AT SWASTIKA

NATURAL FLOW

DRAINAGE AREA 251 SQ KM

PERIOD OF RECORD 1968-78

RECORDING GAUGE 1969-78

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	CD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1969	5 4 12:30	17.8	16.8	17.7	16.9	5 4				1.01	18.6	.96	1.79
1970	5 2 5:20	18.7	17.2	18.5	18.1	5 2				1.01	19.4	.97	1.62
1971	5 2 2:20	17.6	17.4	17.5	17.3	5 2				1.01	17.7	1.00	1.20
1972	5 7 15:52	15.0	14.1	14.9	14.7	5 7				1.01	15.4	.97	1.67
1973	NO DATA												
1974	5 3 14:59	18.8	19.1	19.5	18.5	5 3				1.02	18.7	1.01	.88
1975	5 4 3:58	17.3	17.0	17.2	16.7	5 4				1.01	17.6	.99	1.56
1976	NO DATA							30.0	04 20				
1977	4 23 3:26	24.3	23.2	24.2	23.5	4 23				1.00	25.1	.97	1.79
1978	NO DATA							17.0	05 14				

02HE001 BLOOMFIELD CREEK AT BLOOMFIELD

NATURAL FLOW

DRAINAGE AREA 19.4 SQ KM

PERIOD OF RECORD 1969-79

RECORDING GAUGE 1978-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	CD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1970	3 26 23:03	2.63	1.71	1.99	1.91	3 26				1.32	2.17	1.21	.44
1971	4 7 21:37	2.78	2.16	2.23	1.98	4 7		2.26	04 04	1.25	2.42	1.15	.51
1972	3 22 17:05	2.40	.317	1.32	1.12	3 22		1.60	04 02	1.82	1.92	1.25	.72
1973	2 2 23:02	4.87	.144	1.79	1.62	2 2				2.72	2.78	1.81	.46
1974	1 27 14:26	3.82	.532	2.53	1.96	1 27				1.51	3.81	1.00	1.00
1975	3 19 23:10	3.40	1.08	2.06	.983	3 20	-1			1.65	3.89	1.10	.87
1976	3 21 12:03	4.79	1.30	3.40	1.61	3 21				1.38	5.47	.88	1.20
1977	3 13 11:41	3.74	2.22	3.14	1.93	3 13				1.19	4.21	.89	1.20
1978	NO DATA							4.22	04 01				
1979	3 5 7:02	5.56	2.00	4.00	2.73	3 5				1.14	7.36	.76	1.57

02GA031 BLUE SPRINGS CREEK NEAR EDEN MILLS

DRAINAGE AREA 44.5 SQ KM

REGULATED

PERIOD OF RECORD 1965-79

RECORDING GAUGE 1966-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1966	3 28 1:00	1.83	1.47	1.78	1.28	3 28				1.08	2.83	.98	1.43
1967	4 3 16:00	4.59	2.95	3.71	2.92	4 3				1.24	4.69	.98	1.85
1968	3 19 14:30	3.11	2.75	2.80	2.61	3 20	-1			1.11	2.92	1.07	.56
1969	4 6 0:00	2.63	2.16	2.44	1.99	4 6		2.54	03 26	1.08	2.81	.94	1.32
1970	4 18 4:03	2.12	1.83	2.00	1.51	4 18				1.06	2.33	.91	1.47
1971	4 14 5:42	2.58	2.41	2.49	2.18	4 14				1.04	2.73	.95	1.45
1972	4 15 0:30	5.66	5.18	5.44	4.28	4 15				1.04	6.15	.92	1.53
1973	3 12 12:46	4.50	2.81	4.11	3.09	3 12				1.09	5.67	.79	1.60
1974	3 6 2:48	4.79	3.37	4.36	4.02	3 6				1.10	5.03	.95	1.21
1975	4 19 20:27	6.77	1.43	4.16	4.00	4 19				1.63	5.57	1.22	.78
1976	3 21 19:53	7.33	1.04	5.52	4.47	3 21				1.33	7.09	.93	1.13
1977	3 14 1:14	8.64	5.47	6.48	3.62	3 14				1.33	8.42	1.03	.95
1978	4 12 9:32	3.77	2.57	3.57	3.06	4 12				1.06	4.33	.87	1.58
1979	4 14 21:49	7.33	4.63	5.48	3.28	4 15	-1			1.34	7.05	1.04	.92

02HF004 BOB CREEK NEAR MINDEN

DRAINAGE AREA 21.8 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1975-79

RECORDING GAUGE 1976-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1976	4 1 6:03	8.69	3.74	7.31	4.33	4 1				1.19	10.6	.82	1.41
1977	3 14 9:01	5.41	2.14	4.53	3.00	3 14				1.19	6.49	.83	1.38
1978	4 21 19:04	2.15	1.96	2.11	1.70	4 21				1.02	2.35	.91	1.71
1979	3 25 10:54	7.59	2.69	6.37	3.54	3 25				1.19	9.63	.79	1.45

02KC009 BONNECHERE RIVER NEAR CASTLEFORD

DRAINAGE AREA 2380 SQ KM

REGULATED

PERIOD OF RECORD 1921-79

RECORDING GAUGE 1963-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1963	3 31 2:00	130	68.0	90.6	77.9	4 1	-1			1.43	100	1.20	.62
1964	3 8 8:00	50.7	44.7	49.3	48.7	3 7	1			1.03	51.9	.98	1.38
1965	4 11 1:00	112	68.0	75.9	75.3	4 10	1			1.48	84.2	1.33	.37
1966	3 24 22:00	78.4	55.2	69.4	56.6	3 25	-1	70.8	03 20	1.13	82.9	.95	1.20
1967	7 2 20:30	134	81.0	89.8	67.1	7 3	-1	129	10 19	1.49	105	1.27	.53
1968	3 29 19:00	149	96.3	97.7	77.9	3 29				1.53	100	1.30	.34
1969	5 19 12:05	171	85.5	154	120	5 19				1.10	205	.83	1.52
1970	4 14 22:01	106	56.9	82.4	79.6	4 14				1.29	96.5	1.10	.75
1971	4 10 23:30	132	113	120	112	4 19	-1			1.10	127	1.04	.77
1972	4 17 22:23	206	108	119	107	4 18	-1			1.73	130	1.58	.23
1973	4 2 22:40	200	168	183	149	4 3	-1			1.09	207	.96	1.18
1974	NO DATA							140	05 13				
1975	4 19 19:30	234	82.7	182	159	4 19				1.29	243	.96	1.08
1976	3 25 20:24	203	62.3	167	135	3 25				1.22	235	.86	1.31
1977	3 29 14:15	86.9	41.6	76.2	74.5	3 29				1.14	94.3	.92	1.26
1978	4 21 13:19	172	118	165	135	4 21				1.04	203	.85	1.69
1979	NO DATA							150	03 25				

02HD006 BOWMANVILLE CREEK AT BOWMANVILLE

DRAINAGE AREA 82.9 SQ KM

REGULATED

PERIOD OF RECORD 1959-79

RECORDING GAUGE 1963-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1963	3 27 18:30	15.7	4.05	7.48	3.91	3 27				2.10	11.0	1.43	.68
1964	7 13 12:01	10.0	.861	4.73	1.10	7 13		7.22	12 24	2.11	8.44	1.10	.83
1965	4 7 19:00	26.6	3.60	15.7	4.73	4 7		17.6	02 10	1.02	27.2	1.05	.94
1966	NO DATA							22.7	03 01				
1967	NO DATA							8.75	03 27				
1968	NO DATA							13.3	02 02				
1969	NO DATA							25.5	01 31				
1970	3 22 22:09	31.1	7.00	10.0	9.34	3 22				2.00	13.4	2.32	.23
1971	NO DATA							19.0	04 02				
1972	4 13 14:42	33.1	10.9	22.1	10.9	4 13				1.50	33.3	.99	1.01
1973	3 11 20:00	15.1	.960	5.27	4.53	3 11		12.9	03 04	2.07	7.79	1.94	.41
1974	3 5 11:30	10.9	10.6	13.4	5.15	3 5				1.41	10.9	1.00	1.00
1975	NO DATA							14.2	02 24				
1976	3 20 21:06	21.9	7.25	16.7	3.77	3 21	-1			1.31	27.9	.79	1.37
1977	3 13 7:30	34.3	5.92	17.2	4.01	3 13				1.99	29.0	1.10	.02
1978	4 1 22:00	10.9	5.70	11.7	6.02	4 1		12.1	04 07	1.02	17.1	1.11	.06
1979	3 14 0:55	22.4	1.60	10.0	1.04	3 14				2.07	19.0	1.13	.00

02FE010 BOYLE DRAIN NEAR ATWOOD

DRAINAGE AREA 197 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1967-79

RECORDING GAUGE 1960-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1960	11 29 22:30	30.3	6.63	25.0	25.0	11 29		29.2	02 04	1.17	35.4	.06	1.36
1969	4 6 1:01	57.5	47.0	49.6	30.6	4 6				1.16	60.4	.95	1.16
1970	4 10 4:30	60.0	47.0	54.9	34.0	4 10				1.09	69.3	.07	1.40
1971	4 10 0:02	43.0	30.2	39.6	32.0	4 10				1.09	44.1	.90	1.14
1972	4 14 4:41	59.2	50.7	56.1	43.0	4 14				1.06	65.3	.91	1.50
1973	3 12 17:37	34.5	14.4	32.0	27.1	3 12				1.00	43.3	.00	1.64
1974	3 6 2:13	57.0	47.6	51.0	32.3	3 6				1.13	62.1	.93	1.24
1975	4 19 22:15	02.1	40.2	71.6	69.1	4 19				1.15	00.5	.93	1.23
1976	3 21 23:00	90.3	74.0	76.2	44.2	3 22	-1			1.19	92.9	.97	1.00
1977	3 14 11:30	109	67.4	104	05.2	3 14				1.05	131	.03	1.69
1970	4 0 1:27	56.1	49.6	54.1	46.7	4 0				1.04	60.0	.93	1.50
1979	NO DATA												

02FD102 BOYNE RIVER AT EARL ROWE PARK

DRAINAGE AREA 211 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1967-79

RECORDING GAUGE 1978-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1970	4 8 22:30	41.1	21.2	31.1	8.24	4 9	-1			1.32	47.5	.87	1.24
1971	4 13 18:08	39.6	18.7	24.8	16.6	4 13				1.60	32.0	1.24	.65
1972	4 19 6:37	45.3	23.2	32.8	13.3	4 19				1.42	45.8	.99	1.02
1973	3 8 16:12	29.7	10.6	17.0	9.34	3 8		19.0	04 02	1.75	24.0	1.24	.71
1974	3 5 2:00	96.3	23.3	44.5	28.1	3 5				2.16	63.3	1.52	.53
1975	4 19 12:50	122	11.9	85.0	32.6	4 19				1.44	147	.83	1.26
1976	3 22 11:45	98.6	22.9	65.1	16.1	3 22				1.39	110	.82	1.28
1977	3 13 17:15	46.4	13.7	36.8	25.6	3 13				1.26	54.0	.86	1.28
1978	4 12 4:34	25.1	15.1	22.0	21.9	4 12				1.14	25.5	.98	1.06
1979	NO DATA							18.7	04 14				

04GA005 BRIGHTSAND RIVER AT MOBERLY LAKE

DRAINAGE AREA 1170 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1968-79

RECORDING GAUGE 1977-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1977	10 19 16:00	18.5	17.7	18.3	18.1	10 19				1.01	18.7	.99	1.33
1978	6 5 18:47	39.1	37.9	38.5	38.5	6 5				1.02	38.8	1.01	.67
1979	5 16 16:41	28.0	27.1	27.4	26.9	5 16				1.02	27.8	1.01	.88

02HB016 BRONTE CREEK AT PROGRESTON

DRAINAGE AREA 124 SQ KM

REGULATED

PERIOD OF RECORD 1977-79

RECORDING GAUGE 1978-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1978	4 2 13:26	13.4	9.12	10.8	10.6	4 2				1.24	11.7	1.14	.53
1979	4 15 2:09	12.6	10.4	12.0	10.1	4 15				1.05	13.8	.92	1.49

02HB011 BRONTE CREEK NEAR ZIMMERMAN

DRAINAGE AREA 235 SQ KM

REGULATED

PERIOD OF RECORD 1963-79

RECORDING GAUGE 1964-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/CPP	K
1964	7 13 6:40	19.9	2.22	8.47	4.98	7 13		8.86	04 30	2.35	13.3	1.49	.60
1965	4 12 4:00	28.6	19.5	26.3	25.4	4 12				1.09	30.2	.95	1.25
1966	NO DATA												
1967	4 3 0:15	32.6	14.9	21.7	19.1	4 3				1.50	26.4	1.23	.60
1968	3 18 16:30	22.5	14.4	14.7	13.9	3 18		15.7	02 04	1.53	15.3	1.48	.13
1969	1 30 19:20	27.8	7.65	12.9	7.79	1 30		13.6	04 19	2.16	18.1	1.54	.52
1970	4 2 15:00	13.9	8.44	8.78	7.76	4 4	-2			1.58	9.46	1.47	.23
1971	4 2 20:16	16.7	8.38	14.6	14.0	4 2				1.14	18.0	.93	1.24
1972	4 14 9:12	25.3	19.2	24.0	23.7	4 14				1.05	26.6	.95	1.32
1973	3 14 12:47	23.9	16.1	17.5	15.2	3 15	-1	18.7	04 17	1.37	19.4	1.24	.45
1974	3 5 1:44	25.5	9.91	22.1	17.8	3 5		22.7	01 27	1.15	30.3	.84	1.42
1975	2 24 21:23	19.1	10.3	13.0	9.63	2 25	-1			1.47	16.0	1.19	.66
1976	3 21 15:49	26.2	19.2	25.1	19.9	3 21				1.04	30.7	.85	1.67
1977	9 24 23:23	34.8	5.55	10.9	9.71	9 25	-1	28.9	03 13	3.12	14.2	2.40	.25
1978	4 1 16:39	25.4	19.0	20.4	18.2	4 2	-1			1.25	22.2	1.14	.53
1979	4 14 18:50	25.3	22.3	22.5	17.1	4 15	-1			1.12	25.3	1.00	1.00

02HC044 BROUGHAM CREEK AT BROUGHAM

DRAINAGE AREA 3.63 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1974-76

RECORDING GAUGE 1975-76

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	CD	DATE OF QC	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1975	2 24 19:02	4.09	.331	1.57	.147	2 24				2.60	2.98	1.41	.69
1976	NO DATA							0.796	03 20				

02HF003 BURNT RIVER NEAR BURNT RIVER

DRAINAGE AREA 1279 SQ KM

REGULATED

PERIOD OF RECORD 1962-79

RECORDING GAUGE 1964-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	CD	DATE OF QC	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1964	4 16 16:00	66.3	58.9	64.8	59.5	4 16				1.02	70.4	.94	1.58
1965	4 12 23:15	99.7	78.2	93.4	81.8	4 13	-1			1.07	107	.93	1.37
1966	12 9 11:30	101	88.9	100	96.8	12 9				1.01	107	.94	1.75
1967	6 26 11:55	91.2	84.7	90.9	89.5	6 26				1.00	94.7	.96	1.85
1968	4 1 18:58	83.5	75.8	81.6	77.8	4 1				1.02	87.2	.96	1.49
1969	5 28 16:35	101	77.3	96.3	93.2	5 28				1.05	107	.94	1.48
1970	4 25 4:39	88.6	87.5	87.8	83.3	4 25				1.01	98.2	.90	1.58
1971	4 21 1:34	131	125	130	130	4 20	1			1.01	132	.99	1.43
1972	4 21 16:55	115	114	115	114	4 21				1.00	116	.99	2.00
1973	3 13 21:24	128	94.8	124	122	3 13				1.03	140	.91	1.60
1974	5 16 0:26	133	125	131	127	5 16				1.02	136	.98	1.43
1975	4 26 8:38	119	116	118	116	4 26				1.01	120	.99	1.33
1976	4 3 6:26	191	184	188	187	4 3				1.02	200	.95	1.61
1977	NO DATA							78.5	03 18				
1978	4 21 19:00	99.4	84.4	96.6	96.6	4 21				1.03	102	.97	1.37
1979	4 4 10:42	120	117	120	117	4 4				1.00	123	.98	2.00

02GA023 CANAGAGIGUE CREEK NEAR ELMIRA

DRAINAGE AREA 110 SQ KM

REGULATED

PERIOD OF RECORD 1956-79

RECORDING GAUGE 1956-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1958	3 27 22:00	9.57	4.59	6.46	5.66	3 27				1.48	7.80	1.23	.68
1959	4 5 23:00	34.0	20.4	23.5	22.6	4 5		26.8	04 02	1.45	25.5	1.33	.32
1960	4 3 23:45	35.1	23.5	27.3	15.4	4 4	-1			1.29	35.2	1.00	1.00
1961	2 23 20:00	21.6	9.03	12.6	6.48	2 24	-1			1.71	17.4	1.24	.70
1962	3 29 23:30	48.4	23.4	27.4	14.3	3 30	-1			1.77	36.0	1.35	.58
1963	3 25 21:00	31.1	10.6	23.2	22.7	3 26	-1			1.34	25.0	1.21	.49
1964	3 5 17:00	14.2	2.28	10.4	4.59	3 5				1.37	17.4	.82	1.29
1965	4 7 20:00	53.2	1.71	17.8	17.4	4 7		28.6	02 10	2.99	26.0	2.04	.38
1966	3 13 21:00	15.2	4.47	5.89	4.36	3 14		11.9	06 14	2.58	7.37	2.06	.27
1967	4 3 3:15	52.4	11.5	27.5	6.34	4 3				1.91	46.1	1.14	.05
1968	11 29 6:00	29.2	5.64	18.7	5.04	11 29				1.56	32.1	.91	1.12
1969	3 21 3:30	39.6	15.4	26.6	9.83	3 21				1.49	40.6	.98	1.04
1970	4 9 2:44	20.3	13.5	24.8	12.0	4 9				1.18	35.3	.80	1.45
1971	4 10 0:05	28.9	17.9	18.8	14.8	4 10		19.9	04 13	1.54	21.3	1.36	.39
1972	4 17 3:29	48.7	15.7	30.3	18.1	4 17		31.4	04 13	1.61	43.7	1.11	.04
1973	3 11 18:14	43.6	4.53	18.8	18.5	3 11		20.2	03 07	2.32	26.1	1.67	.45
1974	5 17 6:59	61.2	9.66	39.6	6.91	5 17				1.55	70.9	.86	1.18
1975	4 19 6:51	80.1	8.33	45.3	17.8	4 19				1.77	77.5	1.03	.96
1976	3 21 5:39	36.0	16.5	27.6	8.10	3 21				1.30	42.9	.84	1.29
1977	3 13 10:00	28.9	12.4	24.4	19.2	3 13				1.18	33.0	.88	1.31
1978	4 11 22:09	28.3	9.83	21.8	21.3	4 11				1.30	28.0	1.01	.98
1979	4 14 10:05	42.4	5.36	33.3	14.9	4 14				1.27	56.5	.75	1.44

02GA036 CANAGAGIGUE CREEK NEAR FLORADALE

DRAINAGE AREA 17.9 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1978-79

RECORDING GAUGE 1971-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1971	4 13 4:45	7.56	4.96	5.15	1.84	4 13				1.47	6.98	1.10	.84
1972	4 16 21:17	19.4	6.14	8.35	6.31	4 17	-1			2.32	10.5	1.85	.32
1973	3 11 13:19	28.9	1.02	6.31	2.89	3 11				3.31	10.7	1.96	.46
1974	5 17 8:50	24.0	3.77	6.91	.983	5 17				3.47	11.5	2.09	.42
1975	4 19 8:01	27.6	4.96	8.78	1.63	4 19				3.14	14.3	1.93	.45
1976	3 24 17:38	11.6	1.98	5.69	2.02	3 25	-1	6.80	03 20	2.04	9.38	1.24	.77
1977	3 13 3:49	14.9	4.53	8.41	3.79	3 13				1.77	12.7	1.18	.79
1978	4 11 12:40	10.3	2.21	8.59	5.32	4 11				1.20	13.4	.77	1.47
1979	4 14 19:00	11.1	.588	9.00	2.93	4 14				1.23	16.5	.67	1.96

02GH003 CANARD RIVER NEAR LUKERVILLE

DRAINAGE AREA 159 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1976-79

RECORDING GAUGE 1976-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1976	NO DATA							56.6	04 25				
1977	NO DATA							59.7	03 22				
1978	NO DATA							24.5	12 25				
1979	NO DATA												

82KF011 CARP RIVER NEAR KINBURN

DRAINAGE AREA 269 SQ KM

PERIOD OF RECORD 1971-79

RECORDING GAUGE 1975-79

NATURAL FLOW

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1975	4 19 22:56	77.6	58.8	72.2	56.1	4 20	-1						
1976	NO DATA												
1977	NO DATA												
1978	4 15 21:00	68.5	58.3	64.6	62.6	4 15		56.9	04 01	1.07	87.3	.69	1.47
1979	NO DATA							51.8	03 15				
								55.8	03 26	1.06	68.7	1.00	1.03

82FC011 CARRICK CREEK NEAR CARLSRHUE

DRAINAGE AREA 163 SQ KM

PERIOD OF RECORD 1953-79

RECORDING GAUGE 1963-79

NATURAL FLOW

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1963	3 27 4:00	25.8	11.3	24.7	20.8	3 27				1.04	33.4	.77	1.77
1964	8 3 13:00	36.8	.187	24.1	17.6	8 3				1.49	39.3	.92	1.12
1965	4 12 18:00	28.3	18.6	25.6	17.4	4 12				1.11	33.2	.85	1.48
1966	2 11 9:00	18.8	5.66	17.0	11.7	2 11				1.11	25.3	.74	1.64
1967	4 3 6:00	25.6	17.1	21.9	12.7	4 3				1.17	28.9	.89	1.31
1968	2 2 13:30	36.8	7.87	32.6	23.4	2 2				1.10	49.6	.73	1.67
1969	4 5 9:16	27.5	11.7	24.4	15.7	4 5				1.13	35.1	.78	1.55
1970	4 15 3:27	22.4	19.9	20.5	17.7	4 15				1.11	22.2	1.03	.85
1971	4 13 11:00	21.3	17.1	20.2	16.1	4 13				1.05	23.8	.89	1.53
1972	4 15 3:10	33.1	26.1	30.0	27.1	4 14	1			1.10	33.4	.99	1.85
1973	1 1 0:00	25.0	4.36	19.3	17.2	12 31	1			1.33	27.6	.90	1.20
1974	4 4 9:11	35.1	18.6	30.0	21.0	4 4				1.17	44.2	.79	1.47
1975	4 19 9:10	82.4	24.0	68.0	46.2	4 19				1.21	100	.82	1.39
1976	3 21 6:46	56.1	27.2	47.3	26.1	3 21				1.19	68.0	.83	1.48
1977	3 13 11:53	74.8	25.5	65.4	40.2	3 13				1.14	98.0	.76	1.55
1978	4 11 22:04	22.2	17.5	19.9	15.4	4 12	-1			1.12	23.4	.95	1.28
1979	4 14 11:10	64.7	12.5	58.8	24.9	4 14				1.27	82.9	.78	1.48

02LG006 CASTOR RIVER AT RUSSEL

NATURAL FLOW

DRAINAGE AREA 433 SQ KM

PERIOD OF RECORD 1948-79

RECORDING GAUGE 1968-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1968	3 29 8:01	193	71.1	103	94.9	3 24	1			1.87	122	1.57	.36
1969	4 6 21:50	86.9	62.9	69.1	62.3	4 7	-1			1.26	75.6	1.15	.53
1970	4 14 1:20	200	114	153	146	4 13	1			1.36	176	1.18	.59
1971	4 18 22:20	145	109	120	118	4 18				1.21	126	1.15	.41
1972	4 16 8:01	152	129	137	106	4 17	-1			1.11	156	.97	1.13
1973	NO DATA							147	03 18				
1974	NO DATA							113	04 05				
1975	4 19 18:15	127	88.1	106	83.0	4 19				1.20	130	.97	1.88
1976	NO DATA							142	03 28				
1977	NO DATA							144	03 19				
1978	4 14 1:12	146	136	142	122	4 14				1.03	155	.94	1.53
1979	NO DATA							125	03 25				

04GA002 CAT RIVER BELOW WESLEYAN LAKE

NATURAL FLOW

DRAINAGE AREA 5390 SQ KM

PERIOD OF RECORD 1970-79

RECORDING GAUGE 1971-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1971	6 7 13:55	75.8	74.8	75.0	75.0	6 7				1.00	75.1	1.00	2.00
1972	6 19 13:04	69.7	66.5	69.4	69.1	6 19				1.00	71.8	.98	1.68
1973	NO DATA							66.5	10 16				
1974	6 17 15:16	225	223	225	225	6 17				1.00	226	1.00	2.00
1975	6 23 21:35	80.7	78.2	80.1	80.1	6 23				1.01	81.0	1.00	1.23
1976	6 19 10:59	45.8	44.2	44.7	44.5	6 19				1.01	45.1	1.00	1.88
1977	9 28 23:50	64.8	62.9	63.7	63.1	9 27	1			1.00	64.4	.99	1.40
1978	7 18 8:18	104	102	103	103	7 18				1.01	103	1.00	.67
1979	6 15 13:35	78.7	77.5	78.0	77.5	6 15		78.1	11 07	1.01	78.5	1.00	.83

02MA002 CATARAQUI RIVER AT CHAFFEYS LOCK

DRAINAGE AREA 394 SQ KM

REGULATED

PERIOD OF RECORD 1979-79

RECORDING GAUGE 1979-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1979	3 6 14:50	15.2	14.8	14.9	12.2	3 8	-2			1.02	16.3	.93	1.65

02GC010 CATFISH CREEK NEAR SPARTA

DRAINAGE AREA 287 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1964-79

RECORDING GAUGE 1965-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1965	3 5 17:00	145	6.06	130	114	3 5				1.12	199	.73	1.65
1966	12 7 22:30	58.6	33.1	40.2	21.2	12 8	-1			1.46	53.3	1.10	.83
1967	6 29 11:00	118	.442	71.6	36.0	6 29				1.65	124	.94	1.07
1968	2 2 12:00	144	68.0	129	48.1	2 2				1.12	199	.72	1.65
1969	1 30 20:45	133	6.26	106	65.1	1 30				1.25	176	.75	1.45
1970	4 2 17:46	92.6	4.82	51.5	35.4	4 2				1.80	83.3	1.11	.87
1971	2 27 10:17	113	31.7	81.6	61.4	2 27				1.38	116	.97	1.05
1972	3 22 9:50	89.8	12.1	54.7	22.3	3 22				1.64	92.2	.97	1.03
1973	3 11 18:12	130	16.3	64.0	61.7	3 11				2.03	89.8	1.46	.55
1974	1 27 18:21	91.7	8.92	66.8	31.4	1 27				1.39	111	.82	1.28
1975	1 9 7:54	73.3	6.88	58.7	25.9	1 9				1.45	85.8	.86	1.21
1976	3 5 12:58	148	73.6	105	59.5	3 5				1.33	143	.98	1.05
1977	3 5 4:20	138	26.1	85.8	26.0	3 5		103	03 13	1.52	145	.89	1.15
1978	3 21 16:30	146	85.8	89.8	70.9	3 22	-1			1.63	101	1.44	.34
1979	4 14 4:15	147	18.6	103	32.8	4 14				1.43	180	.82	1.27

02GG011 CEDAR CREEK AT WOODSTOCK

DRAINAGE AREA 93.2 SQ KM

REGULATED

PERIOD OF RECORD 1951-79

RECORDING GAUGE 1973-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1973	3 11 22:41	28.5	8.33	14.8	5.89	3 12	-1			1.46	20.9	.98	1.03
1974	1 27 20:34	21.7	2.86	14.3	14.1	1 27				1.52	20.1	1.08	.68
1975	2 24 22:18	22.1	4.61	15.8	12.9	2 24				1.47	21.1	1.05	.93
1976	3 5 21:51	68.8	25.5	26.8	9.43	3 6	-1			2.54	36.1	1.88	.37
1977	3 13 12:21	26.1	11.6	21.2	14.2	3 13				1.23	29.5	.88	1.26
1978	3 24 12:02	18.7	12.6	15.1	11.8	3 24				1.24	18.4	1.02	.96
1979	3 4 21:43	56.3	3.68	26.2	24.9	3 4		28.7	84 14	2.15	38.1	1.48	.57

05QE008 CEDAR RIVER BELOW WABASKANG LAKE

DRAINAGE AREA 1690 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1946-79

RECORDING GAUGE 1978-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1970	6 18 12:00	46.7	45.0	46.2	46.2	6 18				1.01	46.8	1.00	1.09
1971	6 22 11:35	26.7	26.6	26.7	26.3	6 22				1.00	27.0	.99	2.00
1972	4 30 17:33	14.1	13.7	14.0	13.9	4 30				1.01	14.2	.99	1.33
1973	4 22 12:53	16.8	12.9	16.5	15.8	4 22				1.02	18.7	.90	1.76
1974	6 9 8:48	71.4	68.0	70.5	70.5	6 8	1			1.01	71.8	1.00	1.16
1975	6 25 16:24	26.8	26.4	26.5	26.3	6 26	-1			1.01	26.7	1.01	.67
1976	4 18 16:30	15.3	13.5	15.8	15.8	4 18				1.02	15.8	.97	1.43
1977	9 13 16:42	12.7	12.4	12.6	12.3	9 13				1.01	12.9	.99	1.43
1978	6 25 23:41	32.6	30.3	32.8	32.8	6 25				1.02	32.9	.99	1.17
1979	6 4 13:18	21.9	21.4	21.5	21.1	6 4		21.5	86 02	1.02	21.8	1.01	.77

02OD814 CHIPPEWA CREEK AT NORTH BAY

DRAINAGE AREA 37.3 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1974-79

RECORDING GAUGE 1975-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	CP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1975	7 28 18:51	6.63	.776	.872	.538	7 21	-1	4.02		7.68	1.89	6.18	.87
1976	3 27 19:14	8.81	3.66	6.89	5.47	3 27				1.32	7.61	1.85	.88
1977	7 25 6:24	9.46	.498	6.23	1.43	7 25				1.52	11.5	.82	1.24
1978	9 15 3:28	10.3	1.12	5.66	2.06	9 15				1.82	9.73	1.06	.93
1979	NO DATA							5.30					

02OC801 CHUKUNI RIVER NEAR EAR FALLS

DRAINAGE AREA 4920 SQ KM

REGULATED

PERIOD OF RECORD 1934-79

RECORDING GAUGE 1971-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	CP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1971	5 17 8:00	71.6	69.7	71.6	71.1	5 17				1.00	72.8	.98	2.08
1972	NO DATA							104	05 01				
1973	NO DATA							88.3	06 22				
1974	NO DATA							202	06 08				
1975	NO DATA							85.0	06 24				
1976	NO DATA							64.6	04 22				
1977	NO DATA							99.1	09 12				
1978	6 27 19:18	82.4	68.4	81.0	80.7	6 27				1.02	81.4	1.01	.49
1979	5 18 17:28	95.5	89.5	94.3	93.7	5 18				1.01	97.8	.98	1.38

02HL102 CLAIRE RIVER NEAR BOGART

DRAINAGE AREA 168 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1968-77

RECORDING GAUGE 1970-77

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1970	4 12 6:30	16.4	16.0	16.3	14.2	4 12				1.01	17.5	.94	1.85
1971	4 15 19:00	30.6	28.3	29.7	29.7	4 15				1.03	30.4	1.01	.88
1972	4 20 0:27	30.9	30.3	30.6	29.2	4 20				1.01	31.5	.98	1.48
1973	3 28 3:00	26.3	25.5	25.9	23.7	3 28				1.02	27.2	.97	1.53
1974	4 7 3:45	29.2	27.4	28.3	24.4	4 7				1.03	30.7	.95	1.45
1975	4 21 23:45	29.4	27.8	28.9	25.2	4 22	-1			1.02	31.3	.94	1.66
1976	NO DATA												
1977	NO DATA							43.9	83 16				

02KF013 CLYDE RIVER AT GORDON RAPIDS

DRAINAGE AREA 288 SQ KM

REGULATED

PERIOD OF RECORD 1971-79

RECORDING GAUGE 1972-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1972	5 4 13:05	33.7	33.1	33.4	33.1	5 4				1.01	33.7	1.00	1.00
1973	4 5 13:05	30.0	29.2	29.7	28.6	4 5				1.01	30.9	.98	1.45
1974	4 17 15:41	29.4	26.1	29.2	28.9	4 17				1.01	30.9	.95	1.79
1975	4 22 19:05	33.1	30.0	32.3	30.0	4 22				1.02	34.6	.96	1.48
1976	4 2 23:10	44.7	37.1	43.3	42.2	4 2				1.03	47.0	.95	1.45
1977	3 10 4:56	19.7	18.2	19.4	18.2	3 10				1.02	20.6	.96	1.00
1978	4 22 13:00	37.1	32.6	36.0	36.0	4 22				1.01	39.3	.94	1.79
1979	4 6 13:25	25.0	24.7	25.5	25.1	4 5	1			1.01	26.0	.99	1.25

02KF018 CLYDE RIVER NEAR LANARK

DRAINAGE AREA 614 SQ KM

PERIOD OF RECORD 1978-79

RECORDING GAUGE 1971-79

REGULATED

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1971	4 24 0:58	71.9	69.9	78.8	78.8	4 23	1			1.02	71.3	1.01	.58
1972	4 21 20:13	77.8	68.8	71.4	71.4	4 22	-1			1.08	73.1	1.05	.47
1973	NO DATA												
1974	4 18 6:35	65.1	64.8	64.8	62.9	4 18		72.5	84 04				
1975	4 22 18:55	76.5	71.6	75.3	73.3	4 22				1.08	66.2	.98	1.64
1976	4 3 1:06	101	96.8	97.7	89.5	4 3				1.02	78.2	.98	1.41
1977	NO DATA									1.03	102	.98	1.28
1978	4 22 19:25	81.0	68.5	79.8	79.8	4 22		39.9	83 18				
1979	4 5 14:06	55.6	52.6	55.5	54.4	4 5				1.03	84.3	.96	1.45
										1.08	57.5	.97	1.98

02HC023 COLD CREEK NEAR BOLTON

DRAINAGE AREA 62.2 SQ KM

PERIOD OF RECORD 1962-79

RECORDING GAUGE 1963-79

NATURAL FLOW

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1963	3 24 20:30	9.80	4.67	5.55	3.54	3 25	-1			1.62	6.98	1.31	.56
1964	3 5 9:20	5.47	1.34	3.43	.946	3 5				1.59	5.72	.96	1.06
1965	2 18 17:30	20.5	.986	12.6	4.38	2 18				1.63	22.6	.91	1.12
1966	3 13 17:00	6.85	1.99	2.84	1.69	3 14	-1	2.55	83 01	3.36	2.54	2.70	.19
1967	7 11 14:00	7.73	.351	2.88	1.83	7 11		4.16	84 03	3.72	3.47	2.23	.39
1968	2 2 16:30	11.8	.617	7.05	2.66	2 2				1.67	12.5	.95	1.87
1969	3 21 0:19	15.7	5.64	8.86	2.86	3 21				1.77	13.5	1.17	.81
1970	4 8 23:07	5.10	3.54	4.11	2.34	4 9	-1			1.24	5.28	.97	1.08
1971	4 2 20:24	7.10	2.19	6.23	3.34	4 2				1.14	9.78	.73	1.68
1972	4 13 22:42	17.2	8.89	12.7	9.32	4 13				1.35	16.3	1.06	.89
1973	3 11 15:11	11.1	1.35	5.81	4.84	3 11				2.22	6.93	1.60	.48
1974	3 5 3:00	26.2	8.21	15.9	6.88	3 5				1.65	24.3	1.08	.98
1975	2 24 20:23	26.1	1.53	12.4	6.43	2 24				2.10	20.8	1.25	.76
1976	3 20 17:13	17.5	.818	10.4	7.36	3 20				1.68	16.7	1.05	.94
1977	3 4 20:26	9.85	2.59	3.45	1.25	3 5	-1	4.98	83 09	2.86	4.98	1.98	.39
1978	4 1 19:04	13.9	4.13	8.98	3.32	4 1				1.55	13.2	1.05	.93
1979	3 4 20:36	16.2	7.67	7.91	3.28	3 5	-1			2.85	10.4	1.56	.46

02ED007 COLDWATER RIVER AT COLDWATER

NATURAL FLOW

DRAINAGE AREA 177 SQ KM

PERIOD OF RECORD 1965-79

RECORDING GAUGE 1966-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1966	12 7 19:30	29.4	1.86	17.6	17.6	12 7				1.67	25.5	1.15	.88
1967	6 22 19:45	30.6	1.76	13.8	10.1	6 22		16.0	04 01	2.22	21.7	1.41	.64
1968	4 1 7:00	38.9	5.58	19.5	6.20	4 1				1.58	33.1	.93	1.09
1969	5 10 8:09	37.4	6.23	23.4	6.17	5 10				1.60	40.6	.92	1.10
1970	4 15 8:30	30.9	11.2	10.7	10.1	4 14	1			1.65	22.8	1.36	.58
1971	4 13 19:30	23.4	17.2	21.6	13.3	4 13				1.08	28.0	.84	1.56
1972	4 19 1:30	41.6	26.8	29.2	16.2	4 19				1.42	36.9	1.13	.77
1973	3 8 1:40	38.3	17.3	21.1	9.68	3 8		21.2	04 12	1.44	28.8	1.85	.91
1974	4 4 11:02	30.6	9.23	26.2	16.9	4 4				1.17	39.3	.78	1.58
1975	4 19 17:15	56.6	13.4	45.9	28.9	4 19				1.23	70.7	.80	1.48
1976	3 21 12:50	34.3	6.99	26.3	15.3	3 21				1.30	41.5	.83	1.31
1977	3 13 20:50	47.0	12.5	28.3	25.7	3 13				1.66	37.5	1.25	.66
1978	4 11 22:06	17.4	11.2	12.6	10.3	4 12	-1			1.38	14.5	1.20	.56
1979	3 25 11:12	26.8	12.5	23.1	23.8	4 24	1			1.13	28.5	.91	1.38

02HH005 COLLINS CREEK NEAR KINGSTON

NATURAL FLOW

DRAINAGE AREA 155 SQ KM

PERIOD OF RECORD 1969-79

RECORDING GAUGE 1978-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1978	3 27 21:10	23.6	20.8	21.9	20.6	3 27				1.08	23.1	1.02	.83
1979	4 18 18:10	26.8	21.0	25.5	23.8	4 10				1.05	28.6	.94	1.41
1972	4 14 5:22	32.3	26.2	30.9	29.2	4 14				1.05	34.1	.95	1.39
1973	4 3 13:30	23.9	13.1	22.4	18.6	4 3				1.07	29.0	.83	1.63
1974	4 5 1:00	36.8	17.6	29.7	29.7	4 4	1			1.24	35.8	1.03	.92
1975	NO DATA							29.7	03 20				
1976	3 26 8:01	33.4	26.9	29.7	25.5	3 26		31.1	03 22	1.12	33.2	1.01	.97
1977	NO DATA							39.4	03 14				
1978	NO DATA							28.6	04 02				
1979	NO DATA							30.0	03 06				

02DD015 COMMANDA CREEK NEAR COMMANDA

DRAINAGE AREA 186 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1974-79

RECORDING GAUGE 1975-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1975	4 26 7:08	13.1	11.4	12.7	12.7	4 26				1.03	13.4	.98	1.24
1976	NO DATA							17.6	04 01				
1977	3 31 3:02	15.1	12.8	14.5	12.2	3 31				1.04	16.9	.89	1.60
1978	4 27 6:30	13.1	11.7	12.8	12.3	4 27				1.02	13.6	.96	1.45
1979	3 25 16:50	13.2	8.28	12.7	11.6	3 25				1.04	15.5	.85	1.78

02GA039 CONESTOGO RIVER ABOVE DRAYTON

DRAINAGE AREA 272 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1973-79

RECORDING GAUGE 1973-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1973	3 11 18:06	129	14.0	61.7	58.9	3 11		88.1	03 07	2.09	87.8	1.48	.55
1974	5 17 8:13	294	40.8	122	15.3	5 17				2.41	215	1.36	.71
1975	4 19 3:15	388	86.1	238	46.2	4 19				1.63	409	.95	1.07
1976	3 21 3:59	306	62.6	188	34.3	3 21				1.63	327	.93	1.08
1977	3 13 3:33	256	71.4	214	69.1	3 13				1.20	357	.72	1.55
1978	4 11 20:46	125	34.3	99.1	75.8	4 11				1.26	143	.87	1.26
1979	4 14 3:59	176	22.4	153	42.2	4 14				1.15	273	.64	1.68

02GA017 CONESTOGO RIVER AT DRAYTON

DRAINAGE AREA 324 SQ KM

PERIOD OF RECORD 1958-72

RECORDING GAUGE 1959-72

NATURAL FLOW

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1959	4 5 22:00	175	88.9	116	110	4 5				1.51	132	1.32	.44
1960	4 3 18:00	194	80.4	141	123	4 3				1.38	180	1.08	.85
1961	3 27 21:00	46.7	28.3	31.7	28.0	3 27				1.47	35.3	1.32	.38
1962	3 29 22:00	190	102	122	46.7	3 30	-1	32.3	02 24	1.56	169	1.12	.82
1963	3 27 21:00	169	86.7	126	93.7	3 27				1.34	161	1.04	.91
1964	4 8 2:00	114	52.7	58.6	18.0	4 8		60.0	12 25	1.95	81.8	1.39	.59
1965	4 7 17:00	135	2.89	54.9	50.4	4 7		69.9	02 10	2.46	83.2	1.62	.52
1966	12 7 9:40	106	2.10	81.0	52.7	12 7				1.31	134	.79	1.36
1967	4 3 2:00	214	42.8	94.9	12.8	4 3		98.5	10 16	2.26	161	1.32	.72
1968	11 29 3:30	174	38.8	89.8	14.1	11 29				1.94	153	1.14	.86
1969	4 5 3:00	97.7	43.0	80.7	44.7	4 5				1.21	117	.83	1.37
1970	4 14 21:10	133	71.1	87.8	70.5	4 14				1.51	104	1.27	.55
1971	4 11 10:00	109	79.9	87.2	38.8	4 13	-2	88.9	04 08	1.25	115	.95	1.12
1972	4 18 22:30	222	96.0	123	90.0	4 18				1.80	153	1.45	.47

02GA028 CONESTOGO RIVER AT GLEN ALLAN

DRAINAGE AREA 578 SQ KM

PERIOD OF RECORD 1959-79

RECORDING GAUGE 1968-79

REGULATED

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1960	4 4 23:45	248	195	215	86.4	4 5	-1			1.12	289		
1961	5 10 6:00	24.0	11.1	23.5	15.3	5 10				1.02	33.8	.83	1.50
1962	4 7 12:00	44.7	18.8	44.5	43.9	4 7				1.00	62.1	.71	1.91
1963	3 30 20:00	188	78.8	104	14.1	3 31	-1			1.04	165	.72	1.98
1964	4 0 11:00	49.8	5.95	24.7	13.4	4 0				2.02	39.7	.65	1.88
1965	5 10 23:00	181	31.4	75.6	9.88	5 11	-1			2.39	130	1.25	.75
1966	1 12 16:15	43.3	23.4	32.8	31.7	1 13	-1			1.32	38.1	1.39	.69
1967	4 3 5:00	195	51.0	138	56.1	4 3				1.41	222	1.14	.67
1968	12 2 11:45	136	51.5	94.9	33.7	12 2				1.43	147	.88	1.19
1969	4 18 14:27	208	7.96	138	50.4	4 18				1.60	230	.92	1.12
1970	4 16 9:43	103	25.3	94.3	88.4	4 15	1			1.09	135	.98	1.13
1971	4 13 19:14	77.0	51.5	71.6	66.8	4 13				1.08	84.5	.76	1.65
1972	4 19 2:00	239	153	190	88.7	4 19				1.26	263	.91	1.41
1973	3 11 23:45	91.7	21.8	76.5	45.3	3 12	-1			1.20	119	.91	1.20
1974	5 17 4:12	447	69.7	271	36.5	5 17				1.65	488	.77	1.48
1975	4 19 20:46	210	115	161	184	4 20	-1			1.39	212	.91	1.11
1976	3 23 20:04	169	101	163	184	3 24	-1			1.04	223	.99	1.02
1977	3 14 15:35	99.1	96.0	98.8	98.3	3 15	-1			1.01	99.9	.76	1.82
1978	4 13 18:04	159	37.7	145	90.9	4 13				1.10	225	.99	1.25
1979	4 14 7:12	266	5.72	248	138	4 14				1.07	424	.70	1.78
												.63	1.81

02HE002 CONSECON CREEK AT ALISONVILLE

DRAINAGE AREA 114 SQ KM

PERIOD OF RECORD 1969-79

RECORDING GAUGE 1978-79

REGULATED

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1970	3 27 20:11	23.0	19.1	21.4	20.7	3 27				1.07	22.9		
1971	4 7 19:52	27.6	24.6	25.1	24.6	4 8	-1			1.10	25.6	1.08	.97
1972	4 3 18:16	27.5	23.8	24.4	21.0	4 3				1.13	26.4	1.04	.33
1973	3 10 8:16	21.0	13.3	18.3	15.7	3 18				1.15	22.1	.95	.78
1974	1 27 19:08	25.1	17.6	28.2	15.5	1 28	-1			1.24	23.9	1.05	1.17
1975	3 21 14:08	21.4	7.59	19.4	18.4	3 28	1	20.4	04 04	1.10	25.8	.83	.85
1976	3 21 16:49	19.7	15.7	17.8	15.1	3 22	-1			1.16	18.6	1.06	1.52
1977	3 13 6:58	39.1	29.2	35.7	29.2	3 13				1.10	42.2	.93	.74
1978	4 2 17:25	36.5	21.9	31.1	38.3	4 2				1.17	36.1	1.01	1.31
1979	3 9 8:17	23.5	16.0	28.1	16.8	3 9				1.17	23.8	.99	.96
								20.7	03 06				1.84

02HB002 CREDIT RIVER AT ERINDALE

DRAINAGE AREA 829 SQ KM REGULATED

PERIOD OF RECORD 1945-79

RECORDING GAUGE 1964-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1964	3 5 9:00	157	25.5	65.1	56.4	3 4	1			2.41	89.3	1.76	.42
1965	2 11 5:00	147	62.0	111	74.0	2 11				1.32	153	.96	1.08
1966	NO DATA							113	02 12				
1967	4 3 11:30	114	41.3	94.9	47.0	4 3				1.20	145	.78	1.45
1968	3 21 1:30	87.2	61.4	64.0	40.0	3 21		75.0	11 29	1.36	76.9	1.13	.71
1969	4 18 21:17	102	15.0	55.2	44.2	4 18		70.2	03 21	1.85	80.0	1.26	.71
1970	NO DATA							59.2	04 08				
1971	4 2 0:06	72.5	23.9	62.0	37.1	4 2				1.17	93.5	.78	1.50
1972	NO DATA							106	04 13				
1973	3 11 21:33	153	73.3	84.7	49.0	3 12	-1			1.81	187	1.42	.51
1974	5 17 0:36	501	60.9	337	189	5 17				1.49	589	.85	1.21
1975	2 25 1:45	255	113	114	30.0	2 25		182	04 14	2.24	156	1.63	.46
1976	3 20 20:26	193	158	169	95.4	3 21	-1			1.14	211	.91	1.28
1977	3 13 11:34	204	41.3	148	95.7	3 13				1.38	227	.90	1.17
1978	4 1 22:36	129	48.5	69.9	61.2	4 1		78.2	04 07	1.85	89.0	1.45	.49
1979	12 25 14:48	128	46.4	114	47.0	12 25				1.12	180	.71	1.65

02HB001 CREDIT RIVER NEAR CATARACT

DRAINAGE AREA 205 SQ KM REGULATED

PERIOD OF RECORD 1915-79

RECORDING GAUGE 1967-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1967	4 3 11:45	18.2	8.92	15.9	8.75	4 3				1.14	23.8	.79	1.91
1968	3 20 22:45	17.4	13.8	14.5	9.46	3 21	-1			1.20	17.4	1.00	.99
1969	4 18 19:50	19.1	3.79	13.6	12.0	4 18		16.4	04 05	1.40	19.3	.99	1.02
1970	4 9 20:47	8.92	6.28	6.77	4.13	4 10	-1	7.53	04 21	1.32	8.38	1.07	.85
1971	4 13 6:56	14.6	11.6	14.1	10.9	4 13				1.04	17.0	.86	1.70
1972	4 19 1:21	20.9	20.0	24.9	22.0	4 18	1			1.16	20.0	1.00	.99
1973	3 12 11:24	15.9	6.48	14.4	8.01	3 12				1.13	21.2	.75	1.64
1974	3 7 10:20	27.1	15.9	24.6	15.3	3 7				1.19	33.6	.81	1.57
1975	4 19 13:54	35.4	6.33	28.6	19.0	4 19				1.24	43.1	.82	1.36
1976	3 21 7:19	30.9	10.6	26.9	14.6	3 21				1.15	41.2	.75	1.56
1977	3 13 20:51	22.1	0.35	17.7	14.0	3 13				1.25	23.0	.93	1.16
1978	4 12 2:34	17.5	12.1	15.2	13.2	4 12				1.15	17.0	.99	1.05
1979	4 14 20:22	23.0	3.05	17.0	16.0	4 14				1.29	25.3	.91	1.10

02HB013 CREDIT RIVER NEAR ORANGEVILLE

DRAINAGE AREA 62.2 SQ KM

REGULATED

PERIOD OF RECORD 1967-79

RECORDING GAUGE 1968-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1968	3 18 19:30	6.88	2.24	4.47	4.13	3 18				1.54	5.76	1.20	.78
1969	7 22 7:34	6.71	.436	1.89	.396	7 22		4.67	84 18	6.16	1.76	3.88	.21
1970	4 9 19:06	3.96	1.18	3.06	2.19	4 9				1.29	4.48	.88	1.22
1971	4 9 23:16	3.37	2.18	2.43	1.92	4 10	-1	2.76	84 13	1.39	2.85	1.18	.62
1972	4 14 20:46	17.6	3.03	5.18	4.11	4 14				3.40	6.79	2.59	.23
1973	4 2 13:51	5.92	2.34	4.58	3.51	4 2				1.32	6.08	.97	1.05
1974	4 4 6:56	6.68	3.23	5.44	3.17	4 4				1.21	7.68	.86	1.32
1975	4 19 3:20	8.89	2.01	7.39	4.39	4 19				1.20	11.6	.77	1.47
1976	3 21 3:44	7.67	4.67	5.89	2.47	3 21				1.38	8.21	.93	1.13
1977	3 13 9:13	7.19	1.99	5.61	2.35	3 13				1.28	9.85	.79	1.37
1978	4 11 19:35	4.64	1.49	3.48	2.97	4 11				1.33	4.73	.98	1.84
1979	4 14 18:08	5.59	1.37	5.13	3.82	4 14				1.09	7.67	.73	1.69

02HB008 CREDIT RIVER WEST BRANCH AT NORVAL

DRAINAGE AREA 127 SQ KM

REGULATED

PERIOD OF RECORD 1979-79

RECORDING GAUGE 1979-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1979	4 14 9:45	23.3	7.88	19.2	14.8	4 14				1.21	27.9	.84	1.36

02HK003 CROWE RIVER AT HARMORA

DRAINAGE AREA 1989 SQ KM

REGULATED

PERIOD OF RECORD 1959-79

RECORDING GAUGE 1966-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	CD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1966	12 14 20:30	110	106	109	108	12 14				1.01	111	.99	1.33
1967	4 22 10:30	87.2	88.4	85.2	83.6	4 22				1.02	88.3	.99	1.22
1968	4 5 3:10	106	103	105	104	4 5				1.01	106	1.00	1.20
1969	5 23 20:20	116	112	114	114	5 23		114	04 21	1.02	115	1.01	.67
1970	4 27 20:05	104	100	103	103	4 27				1.01	104	1.00	1.20
1971	4 25 10:01	155	153	154	152	4 25				1.01	155	1.00	1.20
1972	4 26 14:35	136	135	136	135	4 26				1.00	137	.99	2.00
1973	4 8 0:30	142	140	142	140	4 8				1.00	144	.99	2.00
1974	4 20 10:21	119	116	118	118	4 19	1			1.01	119	1.00	1.00
1975	4 27 0:41	124	121	124	124	4 26	1			1.00	125	.99	2.00
1976	4 4 16:32	229	226	227	228	4 5	-1			1.01	231	.99	1.33
1977	3 19 23:06	75.0	69.4	73.9	71.9	3 20	-1			1.01	77.1	.97	1.49
1978	4 29 9:07	134	133	134	132	4 29				1.00	135	.99	2.00
1979	4 6 11:15	180	171	178	176	4 6				1.01	182	.99	1.38

02HK005 CROWE RIVER NEAR GLEN ALDA

DRAINAGE AREA 456 SQ KM

REGULATED

PERIOD OF RECORD 1968-79

RECORDING GAUGE 1969-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1969	4 19 9:15	37.4	35.7	37.1	36.8	4 19				1.01	38.4	.98	1.61
1970	4 27 20:59	36.8	35.1	36.8	35.4	4 27				1.00	36.8	.98	2.00
1971	4 19 22:20	46.7	46.6	45.3	44.7	4 19				1.03	47.9	.98	1.29
1972	5 5 4:30	43.3	41.9	43.8	42.8	5 4	1			1.01	43.7	.99	1.37
1973	4 5 3:56	43.3	42.8	43.8	42.2	4 5				1.01	43.5	1.00	1.25
1974	4 18 21:50	39.9	37.9	39.4	39.4	4 18				1.01	40.2	.99	1.20
1975	4 27 22:21	41.6	40.5	41.3	41.3	4 27				1.01	41.7	1.00	1.14
1976	4 5 7:32	68.8	66.0	67.4	63.1	4 5				1.02	70.3	.98	1.34
1977	4 8 5:00	19.9	19.5	19.7	19.7	4 8				1.01	19.8	1.01	.67
1978	4 28 5:40	45.3	44.2	45.8	45.8	4 28				1.01	45.4	1.00	1.14
1979	4 7 8:20	48.7	47.3	47.9	47.8	4 5	2			1.02	48.3	1.01	.61

02AA015 CURRENT RIVER NEAR STEPSTONE

DRAINAGE AREA 492 SQ KM — REGULATED

PERIOD OF RECORD 1972-79

RECORDING GAUGE 1979-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1979	5 12 3:36	59.8	57.4	59.3	55.7	5 12				1.01	62.1	.96	1.69

02GC013 DEDRICK CREEK NEAR PORT ROWAN

DRAINAGE AREA 75.9 SQ KM — REGULATED

PERIOD OF RECORD 1963-79

RECORDING GAUGE 1964-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1964	3 26 14:30	7.48	.963	5.88	4.36	3 26		7.22	88 23	1.29	8.94	.84	1.30
1965	NO DATA							17.1	03 06				
1966	2 11 11:00	9.74	1.13	4.93	4.62	2 11		7.76	12 08	1.98	6.99	1.39	.68
1967	4 6 13:15	9.69	1.89	4.47	4.25	4 6				1.27	5.87	.97	1.07
1968	2 2 11:00	11.4	4 81	9.66	7.25	2 2				1.18	13.3	.86	1.35
1969	1 30 21:30	24.4	13.4	15.8	6.31	1 31	-1			1.54	21.7	1.12	.82
1970	11 4 8:37	6.46	1.63	5.24	3.54	11 4				1.23	7.98	.82	1.37
1971	3 16 4:00	6.86	3.99	5.69	3.57	3 16				1.87	7.68	.88	1.68
1972	3 14 9:15	17.4	2.59	6.54	6.88	3 14				2.66	8.79	1.98	.34
1973	3 18 1:27	8.95	5.58	7.73	4.42	3 18		8.10	03 15	1.16	10.5	.86	1.38
1974	5 13 2:20	11.2	7.82	9.15	4.58	5 13				1.22	12.5	.89	1.25
1975	2 24 17:23	9.83	3.48	7.11	6.71	2 24				1.27	9.13	.99	1.82
1976	3 5 9:00	20.6	9.88	18.1	14.6	3 5				1.14	24.4	.84	1.43
1977	9 26 13:50	40.5	2.71	21.7	18.2	9 26				1.87	32.9	1.23	.75
1978	3 21 19:25	23.3	12.8	16.5	12.2	3 22	-1			1.41	28.5	1.14	.74
1979	12 25 21:10	15.7	9.25	10.3	4.78	12 26	-1	11.2	03 05	1.52	13.6	1.16	.76

02HF003 DEMORESTVILLE CREEK AT DEMORESTVILLE

DRAINAGE AREA 29.3 SQ KM — NATURAL FLOW

PERIOD OF RECORD 1969-77

RECORDING GAUGE 1970-77

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1970	3 27 19:00	7.67	5.24	6.46	5.83	3 27				1.19	7.39	1.04	.87
1971	4 8 10:20	6.97	5.72	5.92	5.69	4 10	-2			1.18	6.14	1.14	.34
1972	4 3 17:49	8.18	6.34	7.02	6.57	4 3				1.17	7.59	1.08	.66
1973	3 17 12:54	4.96	1.77	3.82	3.77	3 17				1.30	4.87	1.02	.96
1974	4 4 21:29	7.16	3.96	6.88	6.12	4 4				1.05	8.56	.84	1.66
1975	3 21 0:48	5.66	2.25	5.04	4.96	3 20	1			1.12	6.48	.87	1.48
1976	3 24 10:47	6.51	4.59	4.90	4.76	3 23	1			1.33	5.13	1.27	.25
1977	3 11 9:39	9.33	6.74	7.93	7.84	3 11		8.04	03 13	1.14	8.51	1.06	.70

02HH002 DEPOT CREEK AT BELLROCK

DRAINAGE AREA 189 SQ KM — REGULATED

PERIOD OF RECORD 1957-79

RECORDING GAUGE 1971-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1971	4 18 8:49	15.1	14.8	14.9	14.1	4 18				1.01	15.4	.98	1.38
1972	4 20 10:00	18.6	18.3	18.4	18.2	4 20				1.01	19.6	.95	1.78
1973	3 21 8:51	10.8	10.3	10.8	10.6	3 21				1.00	11.2	.97	2.00
1974	4 5 10:45	13.1	10.1	12.9	11.8	4 5				1.02	15.3	.86	1.84
1975	4 19 14:10	9.83	9.17	9.37	8.47	4 20	-1			1.05	9.92	.99	1.09
1976	4 4 1:39	13.5	13.0	13.4	13.4	4 3	1			1.01	13.6	.99	1.33
1977	NO DATA							9.63	03 14				
1978	NO DATA							7.36	02 09				
1979	4 9 11:15	10.0	9.34	10.3	10.3	4 9				1.05	10.0	1.00	.98

02GE005 DINGMAN CREEK BELOW LAMBETH

DRAINAGE AREA 146 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1965-79

RECORDING GAUGE 1966-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1966	12 8 4:30	22.3	17.1	18.2	11.8	12 8				1.23	22.8	1.02	.96
1967	4 3 10:00	39.6	7.87	24.6	12.5	4 3				1.61	39.8	1.01	.98
1968	2 2 13:00	66.3	12.0	58.9	32.6	2 2				1.13	95.5	.69	1.66
1969	1 30 17:46	41.1	4.58	27.2	22.4	1 30				1.51	41.8	1.00	.99
1970	4 2 23:09	17.8	7.86	11.7	9.32	4 3	-1			1.52	15.2	1.17	.73
1971	NO DATA												
1972	4 17 4:00	36.8	6.57	22.1	9.88	4 17		14.4	03 15				
1973	3 11 22:13	29.2	13.2	16.7	11.8	3 12	-1	17.0	03 15	1.63	36.8	1.00	1.00
1974	2 22 21:22	30.6	14.0	18.6	9.91	2 23	-1	21.9	01 27	1.75	21.3	1.37	.54
1975	NO DATA							27.0	02 24	1.65	25.2	1.21	.71
1976	3 5 19:52	36.2	20.1	30.6	25.6	3 5				1.18	30.4	.94	1.16
1977	NO DATA							30.6	03 13				
1978	NO DATA							26.4	03 23				
1979	NO DATA							40.1	04 14				

02HC024 DON RIVER AT TODMORDEN

DRAINAGE AREA 316 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1962-79

RECORDING GAUGE 1963-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1963	4 1 14:30	44.2	1.25	9.37	3.88	8 1		18.8	03 96	4.72	16.6	2.66	.34
1964	7 1 21:00	56.1	1.19	10.1	5.55	7 1		27.4	07 13	5.55	16.9	3.33	.26
1965	2 10 20:00	136	8.18	70.2	26.9	2 10				1.94	123	1.11	.89
1966	11 9 23:00	89.8	4.84	19.7	17.4	11 9		32.6	03 01	4.31	28.3	3.01	.23
1967	4 2 23:30	91.2	15.3	38.8	7.25	4 3	-1			2.35	66.3	1.38	.69
1968	2 2 20:15	79.6	29.4	61.7	24.8	2 2				1.29	96.7	.82	1.32
1969	4 16 14:11	62.8	4.87	38.2	14.4	4 18				1.62	66.8	.93	1.89
1970	7 31 19:27	62.9	1.78	18.7	3.65	7 31		22.3	04 02	5.88	18.7	3.37	.27
1971	6 25 13:46	85.8	1.39	17.2	3.88	6 25		38.2	04 02	4.94	32.2	2.64	.36
1972	4 13 8:43	60.2	24.7	43.3	19.8	4 13				1.58	64.8	1.05	.93
1973	3 11 19:46	93.4	6.14	36.5	19.6	3 11		37.9	02 02	2.56	60.1	1.55	.59
1974	5 16 23:54	174	22.7	46.7	9.06	5 17	-1	54.7	03 85	3.73	77.5	2.24	.39
1975	2 24 19:56	135	14.2	58.9	32.3	2 24				2.29	94.5	1.43	.64
1976	8 28 19:04	149	11.8	31.1	8.16	8 28				4.79	52.2	2.85	.38
1977	9 25 8:12	150	17.8	38.6	21.7	9 25		45.3	03 13	4.98	41.5	3.62	.17
1978	9 18 22:14	105	9.78	23.2	15.2	9 18		30.8	04 87	4.53	35.9	2.92	.27
1979	12 29 17:27	154	21.4	75.3	18.2	12 29				2.05	138	1.18	.83

02HC005 DON RIVER AT YORK MILLS

DRAINAGE AREA 88.1 SQ KM

REGULATED

PERIOD OF RECORD 1945-79

RECORDING GAUGE 1968-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1960	5 9 6:30	31.7	5.66	17.8	4.16	5 9		26.7	03 31	1.86	29.1	1.09	.90
1961	2 23 23:00	7.48	1.47	4.58	3.26	2 23		6.48	02 26	1.66	6.64	1.13	.83
1962	11 18 17:00	14.6	.229	10.3	4.42	11 18				1.42	18.3	.80	1.30
1963	8 1 14:00	10.8	.218	1.63	.883	8 1		8.38	03 25	6.63	2.71	3.99	.21
1964	8 29 1:00	12.5	1.14	5.18	1.99	8 29		9.43	06 13	2.41	9.25	1.35	.71
1965	2 10 16:00	57.5	1.81	21.5	6.88	2 10				2.67	38.7	1.49	.65
1966	11 9 19:30	22.2	.929	4.76	3.08	11 9		12.8	03 31	4.66	7.56	2.94	.28
1967	4 3 5:00	23.7	4.13	10.9	1.65	4 3				2.17	10.9	1.25	.77
1968	NO DATA												
1969	4 10 16:16	24.6	1.82	15.5	4.30	4 10				1.59	28.3	.87	1.17
1970	7 31 17:53	20.6	.164	2.88	.575	7 31		5.97	04 03	9.90	3.79	5.43	.17
1971	NO DATA												
1972	4 13 99:99	13.6	8.58	13.6	8.86	4 13				1.88	18.5	.73	2.88
1973	3 11 20:15	24.3	1.33	11.9	6.97	3 11		12.7	02 02	2.04	19.7	1.24	.77
1974	5 16 20:48	38.2	5.72	17.8	2.79	5 17	-1	17.0	03 05	2.25	29.7	1.28	.75
1975	2 24 13:43	19.8	2.97	10.7	9.94	2 24				1.85	14.9	1.32	.64
1976	7 31 13:51	16.9	.765	4.85	2.41	7 31		9.23	03 21	4.17	6.51	2.60	.32
1977	7 15 16:00	22.5	.269	2.38	1.37	7 15		7.48	03 13	9.45	3.94	5.71	.14
1978	10 4 12:03	15.0	.668	1.74	1.07	10 4		7.48	03 21	8.62	2.62	5.74	.12
1979	12 25 14:03	18.0	4.37	10.7	8.48	12 25				1.68	15.0	1.20	.74

02

02OD008 DUCHESNAY RIVER NEAR NORTH BAY

DRAINAGE AREA 99.4 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1956-79

RECORDING GAUGE 1967-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1967	4 16 13:00	17.2	14.4	16.7	14.2	4 16				1.03	19.1	.90	1.66
1968	NO DATA							15.3	04 05				
1969	4 16 14:00	19.0	12.6	18.8	18.0	4 16				1.06	20.7	.92	1.46
1970	7 21 18:03	28.0	13.1	24.9	17.2	7 21				1.12	34.7	.81	1.52
1971	4 20 1:56	16.7	14.6	15.1	13.5	4 20				1.11	16.2	1.03	.79
1972	8 25 14:03	21.2	18.2	19.1	14.0	8 25		20.2	05 03	1.11	26.1	.81	1.54
1973	4 3 3:43	16.7	11.6	15.3	15.1	4 2	1			1.09	17.3	.97	1.16
1974	4 23 10:36	19.9	13.9	18.6	13.8	4 23				1.07	23.4	.85	1.57
1975	5 1 21:00	15.8	13.5	14.6	12.7	5 2	-1			1.08	16.1	.98	1.11
1976	5 18 17:26	15.1	7.08	13.6	9.83	5 18		14.7	04 18	1.11	18.7	.81	1.55
1977	4 22 12:37	15.5	12.4	14.9	14.9	4 21	1			1.04	16.2	.96	1.35
1978	4 20 3:19	17.4	14.3	15.6	14.4	4 20				1.12	16.9	1.03	.82
1979	4 27 7:18	32.6	20.8	28.5	16.7	4 27				1.14	38.3	.85	1.41

02HC006 DUFFINS CREEK AT PICKERING

DRAINAGE AREA 249 SQ KM

REGULATED

PERIOD OF RECORD 1945-79

RECORDING GAUGE 1960-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1960	5 9 20:30	181	47.8	99.5	21.0	5 9				1.78	85.8	1.19	.76
1961	4 16 16:30	28.2	3.71	10.1	8.18	4 16		13.6	02 23	2.79	14.3	1.97	.88
1962	3 23 20:15	54.9	11.1	12.9	18.4	3 25	-2			4.26	15.1	3.65	.18
1963	3 25 12:30	68.9	11.3	33.1	23.5	3 25				1.84	48.8	1.25	.72
1964	12 25 9:30	39.9	7.84	17.8	4.53	12 25				2.35	27.8	1.43	.64
1965	2 18 14:15	97.1	18.5	54.7	22.7	2 18				1.78	92.8	1.05	.95
1966	3 1 17:30	33.4	1.13	19.8	7.93	3 1				1.69	35.1	.95	1.06
1967	4 3 3:45	62.3	13.5	29.2	6.82	4 3				2.13	48.2	1.29	.73
1968	2 2 19:15	99.7	58.7	68.3	32.8	2 3	-1			1.65	79.3	1.26	.65
1969	4 18 17:34	44.5	4.39	23.9	9.83	4 18				1.86	48.7	1.09	.98
1970	4 20 14:52	25.2	2.86	11.6	9.15	4 20		12.5	04 03	2.17	17.2	1.47	.58
1971	4 2 21:06	45.3	10.8	39.1	18.5	4 2				1.16	63.6	.71	1.68
1972	4 11 20:14	74.5	12.0	42.8	36.8	4 11		58.6	04 13	1.74	61.2	1.22	.73
1973	NO DATA												
1974	NO DATA							42.9	03 29				
1975	2 25 0:47	104	18.1	53.8	30.9	2 24	1			1.93	83.1	1.25	.74
1976	3 21 9:52	60.3	20.8	47.6	11.2	3 21				1.27	79.2	.76	1.49
1977	3 13 9:45	71.4	13.6	43.1	14.0	3 13				1.66	72.2	.99	1.01
1978	NO DATA												
1979	NO DATA												

02HC019 DUFFINS CREEK BELOW ARTHUR PERCY DAM

DRAINAGE AREA 93.5 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1960-79

RECORDING GAUGE 1964-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1964	7 13 11:30	18.7	1.49	6.71	1.71	7 13				1.59	11.8	.91	1.12
1965	4 7 18:30	28.9	7.28	18.5	4.22	4 7		25.1	82 16	1.56	31.3	.92	1.18
1966	5 19 6:15	18.8	.841	4.64	1.89	5 19		8.58	83 81	2.33	7.91	1.36	.69
1967	4 3 2:45	31.1	5.84	18.9	2.34	4 3				2.85	18.1	1.72	.53
1968	2 2 18:18	51.8	5.44	21.8	18.4	2 2				2.47	38.1	1.72	.46
1969	4 18 15:14	23.4	1.92	18.7	3.77	4 18				2.19	18.6	1.26	.76
1970	4 28 12:42	15.7	1.88	7.88	4.81	4 28				2.22	11.2	1.48	.65
1971	4 2 18:56	28.1	3.99	15.7	7.56	4 2				1.24	25.6	.74	1.39
1972	4 11 18:18	36.9	17.6	25.4	15.7	4 13	-2			1.42	34.2	1.05	.93
1973	3 11 17:25	37.1	1.62	12.9	5.61	3 11				2.88	22.2	1.67	.55
1974	4 4 5:18	36.6	2.82	12.2	3.13	4 4		19.8	83 85	2.51	21.5	1.42	.67
1975	2 24 21:19	65.7	9.91	28.3	9.46	2 24				2.32	46.9	1.4[illegible]	.66
1976	3 21 5:18	31.4	7.62	19.1	3.51	3 21				1.64	32.6	.96	1.05
1977	3 13 8:15	37.1	4.85	17.9	4.28	3 13				2.87	31.6	1.17	.83
1978	5 14 16:38	36.5	1.92	14.9	4.98	5 14		18.9	84 87	2.45	26.4	1.39	.69
1979	3 14 8:28	27.6	2.92	14.4	2.19	3 14		16.8	83 86	1.92	26.2	1.05	.95

02LR012 EAST BRANCH SCOTCH RIVER NEAR ST ISIDORE DE PRESCOTT

DRAINAGE AREA 76.7 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1970-79

RECORDING GAUGE 1970-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1970	4 13 17:59	23.8	14.1	14.7	14.4	4 13				1.56	15.2	1.52	.18
1971	4 28 19:85	17.6	15.0	15.3	14.3	4 28				1.15	16.0	1.10	.44
1972	NO DATA							14.7	84 19				
1973	NO DATA							18.0	83 17				
1974	NO DATA							19.8	83 38				
1975	4 19 13:45	28.9	9.77	28.6	20.8	4 19				1.48	26.3	1.10	.82
1976	NO DATA							17.0	83 28				
1977	NO DATA							17.3	83 14				
1978	NO DATA							23.6	84 15				
1979	9 14 19:20	19.2	7.13	8.17	5.86	9 15	-1	17..	83 25	2.34	9.65	1.99	.25

02GA035 EAST CANAGAGIGUE CREEK NEAR FLORADALE

DRAINAGE AREA 27.7 SQ KM

NATURAL FLOW

PERICD OF RECORD 1970-79

RECORDING GAUGE 1971-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1971	4 11 19:31	6.57	3.96	4.59	1.49	4 13	-2			1.43	6.26	1.05	.91
1972	4 16 22:15	21.2	5.32	6.94	4.84	4 17	-1	7.58	04 13	3.05	8.68	2.41	.23
1973	3 11 13:49	26.7	1.06	7.33	2.94	3 11				3.64	12.7	2.11	.43
1974	NO DATA							13.2	05 17				
1975	4 19 0:16	20.8	4.25	7.22	1.51	4 19				2.77	11.6	1.73	.51
1976	3 21 2:22	14.8	4.93	8.24	1.85	3 21				1.78	13.1	1.07	.91
1977	3 13 3:57	12.5	3.43	8.21	2.97	3 13				1.52	13.2	.95	1.08
1978	4 11 3:05	9.15	2.34	7.96	4.50	4 11				1.15	12.5	.73	1.58
1979	4 14 1:31	13.1	3.82	9.12	2.15	4 14				1.44	15.7	.84	1.24

02LB021 EAST CASTOR RIVER NEAR RUSSEL

DRAINAGE AREA 145 SQ KM

NATURAL FLCW

PERIOD OF RECORD 1978-79

RECORDING GAUGE 1979-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1979	3 25 1:01	57.8	34.9	49.3	20.4	3 25				1.16	70.9	.80	1.48

02HC032 EAST HUMBER RIVER AT HUMBER TRAILS

DRAINAGE AREA 94.8 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1965-79

RECORDING GAUGE 1966-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1966	3 19 17:45	4.79	1.35	2.38	1.66	3 14	-1	3.91	03 01	1.84	3.26	1.35	.61
1967	4 7 08:00	12.0	3.62	8.58	3.26	4 7				1.41	13.7	.87	1.20
1968	3 18 19:00	11.6	7.22	7.96	6.51	3 19	-1			1.46	9.06	1.28	.46
1969	3 21 03:28	18.4	4.53	10.5	3.28	3 21				1.75	17.1	1.08	.91
1970	NO DATA							4.84	04 09				
1971	4 10 09:46	8.67	5.27	5.55	3.54	4 10				1.56	6.70	1.29	.54
1972	4 13 22:30	19.7	12.5	19.1	16.7	4 13				1.09	21.6	.91	1.37
1973	3 11 21:42	9.94	5.04	6.03	2.97	3 12	-1	6.51	02 23	1.65	8.06	1.23	.68
1974	NO DATA							13.0	03 05				
1975	2 24 21:29	20.9	1.06	11.6	11.4	2 24				1.80	17.8	1.23	.73
1976	3 20 21:32	16.1	8.44	12.1	4.13	3 21	-1			1.33	17.9	.90	1.18
1977	3 13 13:58	12.3	4.36	9.97	4.93	3 13				1.23	15.3	.80	1.39
1978	4 7 21:06	14.6	6.14	12.1	8.67	4 7				1.21	16.8	.87	1.31
1979	3 14 12:04	13.6	2.51	18.5	3.27	3 14				1.30	18.1	.75	1.42

02HC009 EAST HUMBER RIVER NEAR PINE GROVE

DRAINAGE AREA 197 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1953-79

RECORDING GAUGE 1963-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1963	3 26 8:30	28.1	10.2	18.2	14.5	3 26				1.54	24.1	1.17	.74
1964	NO DATA							5.66	03 15				
1965	NO DATA							34.0	02 18				
1966	NO DATA							8.50	02 11				
1967	4 3 6:30	23.2	6.26	17.0	6.28	4 3				1.36	27.8	.84	1.27
1968	3 18 19:50	25.4	16.1	17.2	16.1	3 19	-1	17.5	02 02	1.48	18.3	1.39	.24
1969	3 21 10:31	26.6	10.4	21.1	9.34	3 21		21.5	03 18	1.26	32.3	.82	1.34
1970	4 9 5:18	11.3	7.48	18.1	6.46	4 9				1.12	13.2	.85	1.45
1971	4 2 9:05	28.7	5.18	18.7	13.2	4 2				1.11	28.3	.73	1.65
1972	4 13 20:19	49.8	22.9	36.5	36.2	4 13				1.27	47.5	1.83	.92
1973	3 11 23:81	27.3	18.1	14.9	6.34	3 12	-1			1.83	21.6	1.27	.78
1974	3 5 3:50	60.6	10.2	46.2	28.2	3 5				1.31	77.2	.78	1.37
1975	2 24 23:49	56.1	14.2	38.6	7.35	2 25	-1			1.83	50.6	1.11	.88
1976	3 21 5:42	40.5	18.9	31.4	9.15	3 21				1.29	48.8	.83	1.31
1977	3 13 10:35	23.2	8.01	19.0	10.9	3 13				1.22	28.5	.81	1.39
1978	4 7 22:23	30.3	14.1	27.1	22.4	4 7				1.12	36.0	.84	1.47
1979	5 5 3:55	31.7	17.4	25.5	12.2	3 5				1.24	36.2	.88	1.27

02HB004 EAST OAKVILLE CREEK NEAR OMAGH

DRAINAGE AREA 199 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1956-79

RECORDING GAUGE 1965-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1965	4 12 8:00	44.7	5.78	26.8	7.88	4 12		42.5	82 10	1.67	47.2	.95	1.86
1966	3 5 12:00	45.3	7.39	32.8	11.2	3 5				1.42	54.7	.83	1.26
1967	4 3 5:00	71.4	18.5	38.8	5.87	4 3				1.84	69.8	1.02	.98
1968	2 2 19:10	94.9	3.96	69.1	22.2	2 2				1.37	125	.76	1.37
1969	8 16 23:32	104	2.10	38.2	4.28	8 17	-1			2.72	73.2	1.42	.69
1970	4 3 20:23	35.7	13.5	25.4	14.8	4 3				1.41	36.7	.97	1.84
1971	4 2 6:00	53.2	13.8	39.1	12.4	4 2				1.36	65.1	.82	1.38
1972	4 13 17:16	48.7	16.6	33.7	20.6	4 13				1.45	48.8	1.00	1.00
1973	3 14 18:30	68.0	8.13	34.5	23.5	3 14				1.97	53.2	1.28	.72
1974	5 17 1:17	162	19.1	82.7	8.58	5 17				1.96	151	1.07	.93
1975	2 25 2:40	68.2	25.5	29.2	5.95	2 25		32.3	84 19	2.34	42.7	1.60	.51
1976	3 20 1:09	71.9	18.1	55.2	24.4	3 20				1.30	89.2	.81	1.34
1977	3 18 8:15	58.9	34.5	34.5	13.9	3 18		39.1	83 13	1.71	44.8	1.31	.59
1978	4 1 22:03	58.6	22.7	36.8	19.3	4 1		42.5	83 21	1.59	52.6	1.11	.84
1979	12 25 13:45	82.3	16.6	66.4	22.7	12 25				1.24	113	.73	1.49

02EB013 EAST RIVER NEAR HUNTSVILLE

DRAINAGE AREA 593 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1973-79

RECORDING GAUGE 1974-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1974	4 16 8:42	96.3	82.7	86.4	72.5	4 16				1.11	99.2	1.01	.94
1975	4 26 18:30	78.7	75.3	75.9	70.5	4 26				1.04	78.9	1.00	1.03
1976	4 1 23:41	103	85.2	98.8	97.1	4 1				1.04	106	.97	1.29
1977	3 31 22:00	64.8	56.9	59.7	49.6	4 1	-1			1.09	66.2	.98	1.12
1978	4 29 9:04	69.7	67.7	68.2	68.3	4 29				1.02	72.4	.96	1.47
1979	3 26 6:07	103	66.9	99.7	77.2	3 26				1.03	127	.81	1.79

02HH001 EELS CREEK BELOW APSLEY

DRAINAGE AREA 241 SQ KM

PERIOD OF RECORD 1967-79

RECORDING GAUGE 1969-79

REGULATED

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QC	DATE OF QC	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1969	5 20 14:00	24.0	20.6	21.5	18.9	5 20				1.12	23.3	1.03	.82
1970	4 19 2:00	17.7	15.7	17.0	16.7	4 19				1.04	17.8	.99	1.07
1971	4 28 15:45	24.0	21.6	23.2	22.9	4 28				1.03	24.2	.99	1.09
1972	6 29 10:10	26.1	19.8	24.6	22.8	6 29				1.06	28.3	.92	1.42
1973	4 3 14:10	28.3	22.4	27.7	24.6	4 3				1.02	31.9	.89	1.79
1974	5 16 4:16	26.8	26.2	26.5	25.8	5 16				1.01	27.8	.99	1.25
1975	4 21 7:57	26.6	24.3	25.2	21.8	4 21				1.06	27.8	.96	1.29
1976	4 2 2:03	50.4	42.8	45.6	32.6	4 2				1.11	53.5	.94	1.24
1977	NO DATA												
1978	4 21 23:19	19.8	18.3	18.4	16.9	4 22	-1	12.8	03 17	1.03	19.2	.99	1.14
1979	4 4 8:05	25.2	23.6	24.6	20.8	4 4				1.02	27.4	.92	1.65

04EA001 EKWAN RIVER BELOW NORTH WASHAGAMI RIVER

DRAINAGE AREA 10403 SQ KM

PERIOD OF RECORD 1967-79

RECORDING GAUGE 1970-79

NATURAL FLOW

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QC	DATE OF QC	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1970	5 20 18:30	827	793	821	816	5 20				1.01	837	.99	1.47
1971	5 11 2:00	980	920	977	946	5 11				1.00	1021	.96	1.87
1972	5 10 10:00	396	394	394	391	5 10		394	05 16	1.01	395	1.00	.06
1973	5 21 0:00	1140	1080	1140	1110	5 21				1.00	1185	.96	2.00
1974	6 20 21:00	588	547	575	572	6 20				1.01	590	.98	1.51
1975	6 15 19:52	603	575	608	592	6 15				1.01	616	.98	1.69
1976	5 15 0:01	1160	736	878	821	5 14	1			1.34	977	1.21	.98
1977	NO DATA												
1978	5 18 14:30	683	586	597	583	5 18		326	04 25	1.01	689	.99	1.39
1979	NO DATA												

05QA802 ENGLISH RIVER AT UNDREVILLE

NATURAL FLOW

DRAINAGE AREA 6480 SQ KM

PERIOD OF RECORD 1921-79

RECORDING GAUGE 1976-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QQ	DATE OF QQ	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
										1.03	135	1.02	.48
1976	5 4 14:00	138	133	134	133	5 4				1.01	86.6	.98	1.53
1977	5 7 14:44	79.0	76.2	78.2	75.9	5 7							
1978	NO DATA							162	06 14				
1979	5 25 21:51	164	161	162	161	5 24	1	163	05 19	1.01	163	1.01	.67

05QA801 ENGLISH RIVER NEAR SIOUX LOOKOUT

NATURAL FLOW

DRAINAGE AREA 13680 SQ KM

PERIOD OF RECORD 1921-79

RECORDING GAUGE 1968-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QQ	DATE OF QQ	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
										1.00	231	1.00	1.00
1960	6 22 6:00	231	228	230	230	6 22				1.02	220	1.01	.40
1961	6 12 12:35	223	219	219	217	6 12		219	06 09				
1962	NO DATA							234	09 01				
1963	NO DATA							262	07 06				
1964	NO DATA							365	05 22				
1965	NO DATA							249	06 12				
1966	NO DATA							484	06 07				
1967	6 3 22:30	272	263	264	264	6 4	-1			1.03	264	1.03	.12
1968	7 3 17:30	458	439	439	439	7 3		442	06 26	1.03	439	1.03	0.00
1969	6 16 16:30	377	368	368	368	6 16		371	06 14	1.02	368	1.02	0.00
1970	6 9 16:00	382	377	377	377	6 9		379	06 07	1.01	377	1.01	0.00
1971	NO DATA							430	11 10				
1972	NO DATA							229	05 01				
1973	10 27 13:00	150	146	147	147	10 26	1	544	06 14	1.02	147	1.02	.29
1974	NO DATA									1.00	200	1.00	2.00
1975	5 26 9:30	200	199	200	200	5 25	1			1.00	202	1.00	2.00
1976	5 15 0:00	201	200	201	200	5 15		201	05 13	1.00	125	1.00	2.00
1977	7 20 9:32	125	125	125	124	7 20		125	07 17	1.01	386	1.01	0.00
1978	6 16 9:35	389	386	386	386	6 16		389	06 12	1.00	272	1.00	.67
1979	5 27 23:13	273	271	272	272	5 27							

02GA029 ERAMOSA RIVER ABOVE GUELPH

DRAINAGE AREA 236 SQ KM

REGULATED

PERIOD OF RECORD 1962-79

RECORDING GAUGE 1964-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1964	3 12 0900	10.9	3.88	4.45	1.61	3 12		8.75	04 08	2.45	6.16	1.77	.42
1965	2 11 1600	27.8	22.3	23.6	13.5	2 12	-1	26.6	04 12	1.18	29.3	.95	1.15
1966	12 8 1730	18.5	3.74	7.62	7.62	12 8		9.65	03 20	1.38	9.56	1.18	.88
1967	4 4 1900	38.8	29.2	29.4	19.8	4 4				1.32	36.7	1.06	.87
1968	8 24 1000	23.4	13.5	21.8	11.8	8 24				1.11	29.8	.79	1.97
1969	4 19 1715	18.9	8.01	15.7	14.8	4 19		17.4	04 06	1.28	20.4	.93	1.19
1970	4 9 1901	15.3	13.1	13.7	11.4	4 10	-1			1.12	15.2	1.01	.95
1971	4 14 1352	16.9	15.1	16.5	13.8	4 14				1.02	19.8	.89	1.72
1972	4 10 1810	38.2	38.3	35.1	33.7	4 10				1.09	36.2	1.08	1.08
1973	3 12 2007	38.8	12.7	26.8	24.4	3 12				1.15	33.5	.99	1.38
1974	5 18 0417	43.3	27.3	34.8	16.3	5 18				1.24	47.8	.91	1.21
1975	4 20 0445	47.6	24.8	39.9	18.7	4 20				1.19	57.1	.83	1.38
1976	3 21 1937	34.3	27.5	29.4	22.3	3 22	-1			1.17	33.9	1.01	.96
1977	3 14 0940	49.3	38.9	48.8	24.8	3 14				1.11	54.2	.84	1.58
1978	4 12 1646	24.9	15.2	23.9	21.2	4 12				1.04	29.6	.84	1.78
1979	4 15 0926	36.3	23.7	33.1	28.9	4 15				1.10	43.9	.83	1.54

02HC017 ETOBICOKE CREEK AT BRAMPTON

DRAINAGE AREA 63.2 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1957-79

RECORDING GAUGE 1971-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1971	4 2 1730	19.5	6.63	18.2	9.63	4 2				1.07	28.3	.69	1.77
1972	4 11 2131	37.1	19.9	26.2	14.9	4 13	-2			1.42	35.8	1.06	.89
1973	3 11 2130	28.2	9.77	18.3	2.73	3 12	-1			2.74	14.4	1.97	.37
1974	5 17 2144	52.7	3.09	19.9	1.22	5 17		25.7	03 05	2.65	37.6	1.40	.78
1975	2 24 2220	42.5	1.98	27.9	18.8	2 24				1.52	49.4	.86	1.19
1976	3 20 1640	28.9	3.83	23.4	7.99	3 20				1.24	41.3	.70	1.53
1977	3 13 1600	23.0	1.80	13.0	2.86	3 13				1.77	23.7	.97	1.83
1978	4 1 2000	45.0	10.5	22.8	12.8	4 1				1.97	34.4	1.31	.60
1979	3 14 0952	31.1	2.29	18.9	2.37	3 14		19.5	04 14	1.65	35.5	.88	1.15

02HC030 ETOBICOKE CREEK BELOW QUEEN ELIZABETH HIGHWAY

DRAINAGE AREA 284 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1964-79

RECORDING GAUGE 1967-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	CO	DATE OF CO	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1967	4 3 12:00	74.2	4.93	36.8	16.1	4 3				2.02	63.3	1.17	.83
1968	8 6 2:00	157	.195	9.09	2.42	8 6		94.9	02 02	17.27	16.9	9.31	.10
1969	4 16 22:50	97.1	1.68	43.3	10.8	4 18				2.24	88.8	1.20	.82
1970	8 30 22:50	96.6	.343	13.8	10.9	8 30		18.4	04 03	4.35	28.4	2.78	.29
1971	3 15 19:43	84.4	2.32	30.3	24.6	3 15		38.2	04 02	2.79	47.1	1.79	.47
1972	4 13 20:01	58.3	38.6	45.9	44.2	4 13				1.27	54.4	1.07	.01
1973	NO DATA							35.7	03 12				
1974	5 17 1:39	163	4.98	79.6	8.18	5 17				2.05	152	1.07	.93
1975	NO DATA							65.1	02 24				
1976	3 5 19:26	56.1	2.23	22.7	19.8	3 5		39.9	03 28	2.47	34.8	1.61	.53
1977	9 25 2:13	71.4	8.67	24.5	17.6	9 25		28.6	03 13	2.91	35.9	1.99	.39
1978	9 12 4:15	49.6	1.26	15.3	1.38	9 12		28.1	03 23	2.98	29.3	1.56	.63
1979	12 25 17:21	97.3	30.8	72.6	18.3	12 25				1.34	128	.81	1.32

02GB007 FAIRCHILD CREEK NEAR BRANTFORD

DRAINAGE AREA 368 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1964-79

RECORDING GAUGE 1970-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	CO	DATE OF CO	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1970	4 3 3:35	21.9	9.94	28.3	17.9	4 3				1.08	26.7	.82	1.08
1971	3 16 14:00	38.5	11.3	34.0	29.7	3 16		34.0	02 28	1.13	47.6	.81	1.98
1972	NO DATA							31.1	03 22				
1973	3 6 19:30	46.7	28.2	42.0	36.2	3 6		43.3	03 19	1.09	52.4	.89	1.42
1974	1 28 14:10	68.8	41.1	65.4	51.5	1 28				1.05	84.5	.81	1.78
1975	2 26 0:37	36.8	18.9	36.8	32.0	2 25	1			1.02	46.6	.79	1.86
1976	3 6 23:51	44.5	28.9	42.8	39.1	3 6				1.04	55.6	.80	1.77
1977	3 11 13:45	49.8	31.1	49.9	34.8	3 11		46.4	03 14	1.00	59.3	.84	1.98
1978	NO DATA							49.6	03 24				
1979	3 5 7:30	72.7	30.8	46.9	37.8	3 5		63.7	04 19	1.55	68.3	1.21	.68

02KF014 FALL RIVER NEAR FALLBROOK

DRAINAGE AREA 277 SQ KM

REGULATED

PERIOD OF RECORD 1974-79

RECORDING GAUGE 1975-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1974	4 24 10:17	19.3	18.5	18.6	18.4	4 25	-1						
1975	4 2 17:19	26.8	26.5	26.6	25.9	4 3	-1			1.04	18.8	1.03	.39
1977	3 16 17:43	18.9	14.6	18.5	18.7	3 17	-1			1.01	27.8	.99	1.33
1978	4 23 2:44	28.7	28.4	28.5	28.4	4 22	1			1.02	17.9	.98	1.14
1979	4 6 8:57	22.2	19.7	28.8	18.9	4 6				1.01	28.6	1.00	.67
										1.11	28.7	1.07	.48

02JE010 FARR CREEK AT NORTH COBALT

DRAINAGE AREA 62.9 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1971-79

RECORDING GAUGE 1972-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1972	5 3 14:37	23.7	7.62	16.3	9.89	5 3							
1973	NO DATA									1.45	24.1	.98	1.83
1974	4 29 10:10	7.42	7.85	7.31	6.77	4 29		4.33	05 04				
1975	NO DATA									1.02	7.71	.96	1.57
1976	NO DATA							6.71	04 26				
1977	NO DATA							5.24	03 28				
1978	NO DATA							3.09	04 21				
1979	NO DATA							4.36	04 29				
								12.8	04 27				

04CF002 FAWN RIVER BELOW BIG TROUT LAKE

DRAINAGE AREA 4150 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1966-79

RECORDING GAUGE 1969-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QO	DATE OF QO	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1969	10 10 16:30	58.9	56.4	57.5	56.4	10 10				1.02	58.6	1.01	.88
1970	7 18 14:37	90.8	88.1	88.3	88.3	7 17	1			1.02	88.4	1.02	.11
1971	5 29 13:41	73.9	71.1	71.6	71.4	5 29				1.03	72.8	1.03	.26
1972	6 2 19:43	58.3	56.4	56.6	55.8	6 2		56.9	06 17	1.03	57.1	1.02	.45
1973	9 6 14:27	69.9	64.8	68.8	64.8	9 6				1.02	72.8	.96	1.57
1974	6 28 14:12	85.2	83.5	84.4	83.8	6 28				1.01	85.6	1.00	1.18
1975	8 26 3:42	184	96.8	181	94.9	8 26				1.03	186	.98	1.30
1976	7 5 17:51	60.3	58.3	58.6	58.8	7 5		58.6	07 03	1.03	59.1	1.02	.42
1977	8 23 15:11	33.4	28.8	32.8	28.9	8 23				1.04	35.6	.94	1.43
1978	8 19 13:23	91.8	43.9	49.2	41.2	8 19				1.85	96.8	.93	1.46
1979	6 15 18:53	38.7	38.8	38.2	37.3	6 16	-1			1.01	38.8	1.00	1.05

05CC010 FISH CREEK NEAR PROSPECT HILL

DRAINAGE AREA 198 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1948-79

RECORDING GAUGE 1966-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QO	DATE OF QO	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1966	12 7 11:30	68.8	4.77	68.8	38.2	12 7				1.13	97.9	.70	1.65
1967	4 3 0:00	68.8	9.68	48.8	18.4	4 3		44.7	10 10	1.47	71.6	.84	1.23
1968	2 2 11:15	86.9	13.2	84.3	38.2	2 2				1.31	118	.78	1.37
1969	1 30 22:30	48.4	26.2	33.7	18.5	1 31	-1			1.38	49.1	1.03	.94
1970	5 16 0:47	34.8	.892	22.3	8.89	5 16				1.56	39.7	.88	1.16
1971	4 2 0:00	68.5	15.4	39.1	16.7	4 2				1.15	94.2	.73	1.96
1972	12 31 21:42	43.3	20.6	38.8	13.8	1 1	-1	38.3	03 22	1.44	38.8	1.12	.88
1973	3 11 19:07	43.9	22.8	36.8	11.8	3 12	-1	38.8	01 01	1.69	35.1	1.25	.67
1974	3 9 0:32	72.8	29.9	55.2	18.7	3 9				1.32	89.1	.82	1.22
1975	4 19 0:18	184	15.2	81.3	18.8	4 19				1.65	149	.92	1.18
1976	NO DATA							41.9	03 06				
1977	3 13 0:27	158	45.9	128	49.3	3 13				1.17	208	.72	1.57
1978	4 7 21:05	91.8	32.3	39.1	33.7	4 7		48.8	04 11	1.32	49.2	1.14	.66
1979	4 14 7:07	71.9	20.2	57.6	19.2	4 14				1.25	98.5	.73	1.48

02GC023 FISHERS CREEK NEAR FISHERS GLEN

DRAINAGE AREA 9.18 SQ KM

REGULATED

PERIOD OF RECORD 1970-76

RECORDING GAUGE 1970-76

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	GP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1970	9 8 15:47	.861	.899	.161	.188	9 8		0.297	04 02	5.35	.219	3.94	.15
1971	5 25 0:59	.671	.193	.295	.138	5 25		0.345	02 27	2.63	.369	1.82	.43
1972	3 2 10:27	2.10	.657	1.05	.184	3 2				2.00	1.68	1.25	.75
1973	10 20 23:35	.648	.208	.405	.219	10 29	-1			1.58	.563	1.14	.00
1974	6 21 0:21	.736	.181	.258	.178	6 21		0.394	02 22	2.85	.341	2.16	.29
1975	8 31 19:11	.688	.181	.263	.187	8 31		0.311	02 24	2.62	.392	1.95	.35
1976	NO DATA							0.442	03 09				

02GC018 FRENCH RIVER AT GRY PINE BAY

DRAINAGE AREA 13960 SQ KM

REGULATED

PERIOD OF RECORD 1961-79

RECORDING GAUGE 1963-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	GP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1963	4 5 19:00	326	314	323	323	4 5				1.01	327	1.00	1.20
1964	4 26 3:00	282	282	283	282	4 26				1.00	284	1.00	2.00
1965	NO DATA							368	11 29				
1966	NO DATA							416	12 18				
1967	4 18 18:00	433	422	430	416	4 18				1.01	441	.98	1.97
1968	4 6 8:30	348	334	340	334	4 6				1.03	346	.98	2.00
1969	11 4 6:30	413	405	413	394	11 4				1.00	426	.97	2.00
1970	6 4 21:00	419	396	416	416	6 4				1.01	426	.98	1.94
1971	4 20 19:07	371	357	368	368	4 20				1.01	373	.99	1.29
1972	5 16 20:20	413	396	408	408	5 16		408	05 07	1.01	414	1.00	1.09
1973	5 12 2:34	374	371	371	366	5 12		371	04 04	1.01	372	1.00	.87
1974	11 26 10:09	368	368	365	365	11 25	1			1.00	367	.99	2.00
1975	4 25 20:29	345	343	345	343	4 26	-1			1.00	347	.99	2.00
1976	5 21 0:16	388	379	388	388	5 20	1			1.00	392	.99	2.00
1977	12 4 17:34	351	348	351	351	12 4		351	11 18	1.00	352	1.00	2.00
1978	10 11 19:30	357	354	357	357	10 11				1.00	358	1.00	2.00
1979	5 18 7:23	526	525	525	524	5 17	1	525	05 16	1.00	525	1.00	.67

02HD012 GANARASKA RIVER ABOVE DALE

DRAINAGE AREA 232 SQ KM — NATURAL FLOW

PERIOD OF RECORD 1976-79

RECORDING GAUGE 1977-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	CO	DATE OF QO	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1977	3 13 12:00	62.9	12.4	39.9	12.8	3 13				1.58	67.2	.94	1.09
1978	4 1 20:01	46.4	9.34	26.4	19.6	4 1				1.76	38.3	1.21	.79
1979	3 14 14:15	48.1	9.24	29.4	6.86	3 14				1.97	52.8	.87	1.17

02HD002 GANARASKA NEAR DALE

DRAINAGE AREA 262 SQ KM — NATURAL FLOW

PERIOD OF RECORD 1950-79

RECORDING GAUGE 1968-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QO	DATE OF QO	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1950	5 9 19:00	84.7	23.7	48.7	10.3	5 9				1.74	76.4	1.11	.87
1951	5 25 22:00	33.1	10.3	16.7	12.9	3 25				1.94	21.0	1.52	.47
1952	11 10 16:30	29.7	1.82	14.1	6.65	11 10				2.11	24.0	1.24	.77
1953	3 25 6:00	60.0	17.7	28.2	21.0	3 25				2.44	37.1	1.66	.36
1954	NO DATA							27.1	12 25				
1955	4 7 23:00	77.9	16.1	39.6	28.6	4 7		49.0	02 16	1.97	56.0	1.37	.62
1956	3 1 15:00	47.6	3.11	26.3	19.6	3 1				1.68	49.1	1.05	.93
1957	4 3 4:00	48.0	11.0	28.9	6.97	4 3		22.9	01 25	1.95	32.0	1.24	.76
1958	2 2 16:00	48.5	9.06	21.5	18.7	2 2		27.2	03 17	1.80	29.1	1.39	.97
1959	3 18 17:00	47.3	7.88	23.5	19.5	3 18		25.0	01 31	2.01	33.7	1.40	.88
1970	4 20 18:00	19.6	8.38	8.81	5.86	4 21	-1	11.3	03 26	2.22	18.5	1.06	.28
1971	4 9 23:30	38.3	16.6	20.6	13.5	4 10	-1			1.47	26.2	1.16	.73
1972	4 13 13:00	53.2	26.0	42.5	28.3	4 13				1.25	57.5	.93	1.17
1973	NO DATA							23.0	04 02				
1974	4 4 18:20	52.4	18.0	32.0	19.3	4 4		38.5	03 09	1.64	55.5	.94	1.07
1975	3 19 22:53	67.0	11.9	46.2	46.2	3 19				1.90	63.4	1.29	.98

02HC003 GANARASKA RIVER NEAR OSACA

DRAINAGE AREA 67.3 SQ KM

REGULATED

PERIOD OF RECORD 1958-79

RECORDING GAUGE 1968-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1958	3 18 19:00	18.5	3.24	9.06	8.35	3 17	1			2.04	12.3	1.50	.51
1959	3 18 20:50	15.2	2.41	5.95	3.60	3 18		8.21	01 31	2.55	8.86	1.72	.48
1970	4 28 14:59	8.47	1.29	3.48	2.15	4 28		3.65	03 20	2.43	5.24	1.62	.52
1971	4 9 23:16	8.18	3.94	5.10	3.96	4 10	-1			1.58	6.41	1.28	.58
1972	4 13 12:00	14.1	7.08	10.2	9.37	4 12	1			1.38	12.2	1.16	.67
1973	NO DATA												
1974	4 4 7:33	17.8	3.65	8.69	2.51	4 4		10.2	03 04				
1975	3 19 21:19	20.1	3.34	11.4	11.4	3 19		11.6	03 05	2.05	14.3	1.24	.76
1976	3 21 0:40	14.8	5.41	12.1	3.20	3 21				1.76	19.4	1.30	.63
1977	3 13 10:14	20.9	3.91	13.0	4.19	3 13				1.22	19.9	.74	1.49
1978	7 22 21:36	11.6	1.11	2.52	2.17	7 22				1.61	22.8	.95	1.86
1979	3 14 11:30	13.0	1.28	8.61	2.16	3 14		8.35	04 07	4.68	3.48	3.41	.18
										1.51	15.5	.84	1.22

02HC042 GANATSEKIAGON CREEK NEAR BROUGHAN

DRAINAGE AREA UNKNOWN

NATURAL FLOW

PERIOD OF RECORD 1974-76

RECORDING GAUGE 1975-76

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1975	2 24 14:40	1.43	.246	.558	.068	2 24				2.56	.959	1.49	.63
1976	3 28 15:11	1.68	.116	.699	.244	3 28				2.48	1.22	1.38	.69

02BF002 GOULAIS RIVER NEAR SEARCHMONT

DRAINAGE AREA 1160 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1967-79

RECORDING GAUGE 1969-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1969	6 27 6:00	337	14.2	211	93.7	6 27				1.60	368	.92	1.11
1970	6 1 12:25	187	78.4	182	156	6 1				1.03	246	.76	1.86
1971	4 21 2:01	132	98.8	129	126	4 21				1.02	145	.91	1.69
1972	5 3 9:19	188	164	176	161	5 3				1.07	189	.95	1.54
1973	4 21 20:06	173	124	153	131	4 22	-1			1.13	178	.97	1.12
1974	4 30 8:21	169	150	161	157	4 29	1			1.05	168	1.00	.97
1975	5 1 12:40	235	111	208	182	5 1				1.13	269	.87	1.39
1976	NO DATA							235	04 19				
1977	NO DATA							224	04 19				
1978	5 13 8:00	114	78.2	109	109	5 13				1.05	128	.89	1.59
1979	4 26 12:05	378	234	353	382	4 26				1.05	438	.84	1.67

02GB001 GRAND RIVER AT BRANTFORD

DRAINAGE AREA 5210 SQ KM

REGULATED

PERIOD OF RECORD 1912-79

RECORDING GAUGE 1962-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1962	3 30 14:00	641	380	436	371	3 30				1.24	536	1.01	.98
1963	3 27 21:30	688	479	592	575	3 27				1.16	657	1.05	.81
1964	12 26 10:00	259	79.0	214	136	12 26				1.21	320	.81	1.41
1965	2 11 11:00	1090	113	855	572	2 11				1.27	1367	.80	1.37
1966	12 9 4:00	385	122	334	317	12 8	1			1.15	448	.86	1.30
1967	4 3 19:00	988	668	736	386	4 4	-1			1.34	985	1.00	.99
1968	11 29 22:30	419	271	391	247	11 30	-1			1.07	523	.80	1.65
1969	4 19 11:30	731	121	583	331	4 19				1.25	940	.78	1.41
1970	4 18 13:39	362	246	317	227	4 18				1.14	397	.91	1.28
1971	4 14 8:31	467	365	447	326	4 14				1.04	548	.85	1.67
1972	4 19 19:36	1010	631	830	776	4 19				1.22	956	1.06	.83
1973	3 12 20:00	671	549	578	368	3 13	-1			1.16	697	.96	1.12
1974	5 17 22:02	1700	852	1030	348	5 16	-1			1.73	1464	1.22	.73
1975	4 19 21:51	1050	595	883	683	4 20	-1			1.19	1167	.98	1.26
1976	3 21 20:37	799	657	691	464	3 22	-1			1.16	821	.97	1.89
1977	3 13 22:49	923	668	844	716	3 14	-1			1.09	1008	.92	1.33
1978	4 14 7:05	686	541	569	337	4 14				1.07	699	.87	1.56
1979	4 15 21:34	1330	515	1130	739	4 15				1.18	1633	.81	1.43

02GA003 GRAND RIVER AT GALT

DRAINAGE AREA 3520 SQ KM

REGULATED

PERIOD OF RECORD 1913-79

RECORDING GAUGE 1930-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1930	4 7 11:30	368	282	323	195	4 7				1.14	487	.98	1.31
1931	NO DATA							351	12 25				
1932	2 12 11:30	898	36.5	654	334	2 12				1.37	1122	.80	1.32
1933	4 2 6:30	487	306	439	286	4 2				1.11	582	.84	1.58
1934	4 4 18:00	518	399	438	402	4 4				1.20	459	1.13	.58
1935	3 17 23:00	572	18.3	527	317	3 17				1.09	886	.65	1.78
1936	3 28 8:00	462	343	374	217	3 28				1.24	468	.99	1.83
1937	4 6 20:00	453	195	343	275	4 6				1.32	451	1.00	.99
1938	3 24 13:00	663	340	561	264	3 24				1.18	820	.81	1.43
1939	4 19 7:00	765	458	654	374	4 19				1.17	896	.85	1.37
1940	4 9 9:00	691	326	600	379	4 9				1.15	847	.82	1.46
1941	4 7 13:30	459	368	388	337	4 7				1.18	423	1.08	.67
1942	3 17 15:00	1020	68.5	575	538	3 17				1.77	850	1.20	.77
1943	5 12 8:00	934	57.2	682	374	5 12		725	04 02	1.37	1148	.81	1.30
1944	3 25 10:30	818	87.8	379	386	3 25				2.16	561	1.46	.59
1945	3 16 21:00	544	416	476	428	3 17	-1			1.14	530	1.03	.89
1946	3 7 17:00	855	128	530	470	3 7				1.61	765	1.12	.84
1947	4 12 13:00	1170	467	1040	665	4 12				1.13	1514	.77	1.57
1948	3 20 9:00	1310	399	1070	858	3 20				1.22	1511	.87	1.30
1949	3 23 99:99	861	73.9	657	233	3 23				1.31	1160	.74	1.42
1950	4 5 2:00	1090	529	759	241	4 5				1.44	1083	1.01	.99
1951	3 31 5:00	674	442	524	244	3 31				1.29	785	.96	1.09
1952	4 2 8:00	498	368	382	188	4 2				1.28	486	1.01	.98
1953	5 26 18:00	541	26.9	277	220	5 26		357	05 03	1.95	430	1.26	.74
1954	10 16 14:00	1360	283	1140	776	10 16				1.19	1750	.78	1.47
1955	3 11 23:00	436	272	292	175	3 12	-1			1.49	368	1.21	.64
1956	5 12 15:00	977	179	614	311	5 12		654	05 12	1.59	983	.99	1.01
1957	12 21 17:30	450	248	396	219	12 21				1.14	562	.80	1.51
1958	3 29 19:00	119	84.7	112	82.4	3 29				1.06	140	.85	1.61
1959	4 6 18:00	569	323	490	458	4 6				1.16	593	.96	1.13
1960	4 4 19:00	810	671	680	380	4 5	-1			1.19	874	.93	1.20
1961	2 24 11:00	189	49.3	173	148	2 24				1.09	247	.76	1.65
1962	3 30 8:30	391	196	311	184	3 30				1.26	432	.91	1.20
1963	3 26 8:00	408	123	351	331	3 26				1.16	475	.86	1.37
1964	4 8 15:00	162	114	127	113	4 8				1.28	140	1.15	.58
1965	2 11 7:30	711	101	470	184	2 11				1.51	797	.89	1.15
1966	12 7 17:00	219	118	179	109	12 8	-1			1.22	244	.90	1.24
1967	4 3 12:48	872	242	657	385	4 3				1.33	1000	.87	1.23
1968	11 29 14:30	343	56.9	264	256	11 29				1.30	371	.92	1.15
1969	4 19 4:29	691	173	487	195	4 19				1.42	790	.87	1.20
1970	4 17 2:04	250	206	211	142	4 17		228	04 22	1.18	248	1.01	.97
1971	4 14 3:55	377	317	345	247	4 14				1.09	488	.92	1.33
1972	4 19 15:45	852	476	733	566	4 19				1.16	945	.90	1.28
1973	3 12 14:20	490	151	433	348	3 12				1.13	620	.79	1.53
1974	5 17 17:19	1550	193	855	498	5 17				1.81	1364	1.14	.85
1975	4 19 16:25	852	151	561	496	4 19				1.52	798	1.07	.98
1976	3 21 19:36	592	202	501	345	3 21				1.19	728	.81	1.43

02GA803 GRAND RIVER AT GALT

1977	3 13 17:32	575	233	445	385	3 13		1.29	581	.99	1.82
1978	4 14 5:23	453	334	428	218	4 14		1.06	588	.78	1.72
1979	4 15 15:28	756	454	697	392	4 15		1.08	991	.76	1.67

02GA834 GRAND RIVER AT WEST MONTROSE

REGULATED

DRAINAGE AREA 1170 SQ KM

PERIOD OF RECORD 1967-79

RECORDING GAUGE 1968-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1968	11 29 14:00	189	22.7	163	126	11 29				1.16	251	.75	1.55
1969	4 18 17:51	283	18.1	163	140	4 18				1.74	250	1.13	.85
1970	4 16 16:38	155	119	120	100	4 17	-1			1.29	130	1.19	.46
1971	4 13 15:38	189	98.8	176	150	4 13				1.07	223	.85	1.97
1972	4 19 2:38	634	278	507	228	4 19				1.25	761	.83	1.33
1973	3 12 2:28	193	66.5	156	123	3 12				1.24	217	.89	1.25
1974	5 17 5:55	674	84.4	379	97.4	5 17				1.78	667	1.01	.99
1975	4 19 7:52	837	64.6	234	132	4 19				1.44	369	.91	1.14
1976	6 30 23:46	416	61.7	118	20.8	7 1	-1	211	03 25	3.53	194	2.14	.41
1977	3 13 8:00	229	95.8	183	135	3 13				1.25	270	.85	1.31
1978	4 13 19:49	238	193	197	98.8	4 14	-1			1.17	248	.93	1.22
1979	4 15 11:12	411	167	315	130	4 15				1.30	477	.86	1.26

02GA016 GRAND RIVER BELOW SHAND DAM

DRAINAGE AREA 680 SQ KM

REGULATED

PERIOD OF RECORD 1958-79

RECORDING GAUGE 1960-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1960	4 5 8:19	160	6.28	148	123	4 4	1			1.08	231	.69	1.75
1961	4 16 21:00	48.1	23.1	29.4	26.6	4 17	-1			1.64	34.8	1.42	.39
1962	4 7 12:00	76.5	58.7	75.6	58.8	4 8	-1			1.01	96.8	.79	1.92
1963	3 30 13:00	131	82.1	94.6	37.1	3 31	-1			1.38	129	1.01	.98
1964	3 10 0:00	39.9	1.88	12.1	5.49	3 10		20.3	04 09	3.30	20.5	1.94	.46
1965	5 11 2:00	77.3	37.7	54.9	21.7	5 11		73.3	04 16	1.41	60.1	.97	1.86
1966	4 28 18:00	30.9	16.3	28.0	17.7	4 21	-1	28.0	03 25	1.10	39.0	.79	1.58
1967	4 3 15:00	124	90.6	116	81.0	4 3				1.07	146	.85	1.58
1968	11 29 19:00	132	85.8	108	57.2	11 30	-1			1.22	144	.91	1.21
1969	4 18 13:24	194	3.49	127	88.3	4 18		135	04 06	1.53	208	.93	1.10
1970	4 16 12:23	127	57.2	98.0	93.4	4 16				1.30	120	1.05	.88
1971	4 14 15:17	128	105	120	118	4 14				1.00	124	.93	2.00
1972	4 19 2:05	445	223	368	174	4 19				1.21	537	.83	1.38
1973	3 12 11:06	114	97.4	118	102	3 13	-1			1.04	120	.95	1.44
1974	5 17 0:01	311	78.4	188	86.5	5 17				1.65	303	1.02	.57
1975	4 21 2:46	125	109	125	98.8	4 21				1.00	146	.86	2.00
1976	3 23 19:18	161	128	153	131	3 24	-1			1.05	180	.89	1.55
1977	3 15 18:04	119	108	118	107	3 16	-1			1.01	128	.93	1.83
1978	4 13 13:01	182	150	152	73.6	4 14	-1			1.20	192	.95	1.15
1979	4 15 2:22	315	73.1	239	184	4 15				1.32	389	.81	1.33

02GA014 GRAND RIVER NEAR MARSVILLE

REGULATED

DRAINAGE AREA 694 SQ KM

PERIOD OF RECORD 1947-79

RECORDING GAUGE 1965-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	CD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
										1.11	178	.85	1.48
1965	4 12 10:00	151	108	136	78.7	4 12				1.66	128	1.24	.68
1966	1 1 0:01	149	94.6	89.6	23.8	1 1				1.36	230	.89	1.18
1967	4 3 10:45	206	98.3	151	44.7	4 3				1.16	244	.69	1.62
1968	11 29 7:30	168	36.8	145	54.7	11 29				1.29	206	.78	1.39
1969	4 10 19:04	161	29.1	129	61.4	4 10		140	84 05	1.27	182	1.12	.66
1970	4 14 21:44	204	146	161	134	4 15	-1			1.85	244	.83	1.67
1971	4 13 17:07	284	162	194	125	4 13				1.47	312	1.24	.56
1972	4 10 21:49	388	178	264	261	4 10				1.15	211	.78	1.52
1973	3 12 3:01	165	81.6	143	66.8	3 12				1.87	271	.78	1.75
1974	4 4 12:16	191	60.8	178	182	4 4				1.88	469	.71	1.73
1975	4 19 12:04	331	81.8	386	284	4 19				1.13	456	.72	1.62
1976	3 21 9:04	328	119	289	124	3 21				1.28	346	.84	1.36
1977	3 13 10:00	292	82.7	243	196	3 13				1.16	228	.92	1.25
1978	4 13 0:32	282	162	174	93.4	4 13				1.42	295	.95	1.89
1979	4 14 19:04	280	24.2	197	172	4 14							

02AE001 GRAVEL RIVER NEAR CAVERS

NATURAL FLOW

DRAINAGE AREA 616 SQ KM

PERIOD OF RECORD 1974-79

RECORDING GAUGE 1975-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
										1.05	76.9	.82	1.71
1975	6 17 14:36	82.6	35.1	59.7	58.7	6 17				1.42	136	1.09	.84
1976	4 26 14:41	149	56.4	105	98.8	4 28				1.84	118	.82	1.79
1977	9 18 14:19	96.6	56.1	92.9	79.8	9 18				1.81	29.4	.98	1.43
1978	5 18 0:49	28.9	27.9	28.6	27.8	5 18				1.82	102	.98	1.77
1979	5 12 12:52	92.6	88.9	91.1	78.3	5 12							

02HB012 GRINDSTONE CREEK NEAR ALDERSHOT

DRAINAGE AREA 82.6 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1968-79

RECORDING GAUGE 1978-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1970	4 2 23:45	7.85	4.98	5.80	4.96	4 3	-1			1.22	6.63	1.86	.88
1971	4 2 9:55	14.2	3.57	12.2	8.78	4 2				1.16	18.2	.78	1.58
1972	3 22 18:50	11.8	4.22	7.65	6.97	3 22				1.44	9.71	1.13	.76
1973	3 14 12:30	28.4	6.37	18.4	8.72	3 14		11.4	03 04	1.96	13.3	1.54	.44
1974	1 27 15:00	29.6	1.96	17.8	9.57	1 27				1.51	28.2	.91	1.13
1975	2 24 19:30	28.6	1.76	12.3	9.54	2 24				2.33	19.8	1.51	.98
1976	3 20 1:00	19.8	5.61	17.4	12.9	3 20				1.14	25.5	.78	1.54
1977	3 13 9:33	28.1	6.88	21.4	7.25	3 13				1.31	35.7	.79	1.38
1978	4 1 19:15	27.1	6.83	12.6	10.1	4 1				2.15	16.9	1.68	.46
1979	4 14 9:34	32.9	6.79	24.2	10.6	4 14		24.5	03 05	1.36	39.7	.83	1.28

04LD001 GROUNDHOG RIVER AT FAUQUIER

DRAINAGE AREA 11900 SQ KM

REGULATED

PERIOD OF RECORD 1928-79

RECORDING GAUGE 1961-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1961	9 2 18:15	784	261	731	629	9 2		750	06 26	1.07	1017	.77	1.69
1962	NO DATA							1070	05 06				
1963	NO DATA							782	06 22				
1964	NO DATA							1140	05 01				
1965	NO DATA							1040	05 17				
1966	NO DATA							711	05 21				
1967	5 3 11:30	1270	1180	1240	1150	5 4	-1			1.02	1355	.94	1.99
1968	NO DATA							983	04 25				
1969	5 8 14:00	895	850	886	864	5 8				1.01	915	.98	1.93
1970	NO DATA												
1971	5 14 8:00	824	807	818	782	5 14				1.01	841	.98	1.99
1972	5 6 19:30	773	756	765	748	5 6				1.01	778	.99	1.24
1973	4 23 13:09	833	725	824	765	4 23				1.01	903	.92	1.88
1974	5 13 23:00	774	748	765	733	5 14	-1			1.01	789	.98	1.38
1975	NO DATA							680	05 17				
1976	NO DATA							1380	04 21				
1977	NO DATA							1190	04 23				
1978	5 15 6:12	1170	1150	1160	1070	5 15				1.01	1210	.97	1.67
1979	NO DATA							1420	05 12				

02HF002 GULL RIVER AT NORLAND

DRAINAGE AREA 1260 SQ KM

REGULATED

PERIOD OF RECORD 1962-79

RECORDING GAUGE 1963-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QQ	DATE OF QQ	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1963	4 3 4:00	29.4	28.9	29.4	29.2	4 3				1.00	29.6	.99	2.00
1964	5 26 11:00	37.9	36.6	37.4	36.8	5 26				1.01	36.8	1.00	1.09
1965	4 16 14:00	49.0	43.6	44.7	40.5	4 17	-1	46.2	18 26	1.11	47.4	1.05	.68
1966	12 18 18:00	94.4	92.4	94.1	92.7	12 18				1.01	95.6	.98	1.60
1967	11 6 9:00	68.8	59.2	59.7	59.5	11 6				1.01	68.1	1.00	1.00
1968	NO DATA							42.8	01 01				
1969	5 24 8:19	64.2	63.7	64.0	64.0	5 24				1.00	64.2	1.00	.67
1970	4 29 16:49	36.0	33.1	34.0	33.7	4 26	-1			1.06	34.6	1.04	.46
1971	4 21 12:52	49.6	48.7	49.0	48.7	4 22	-2	49.0	04 23	1.01	49.2	1.01	.67
1972	5 19 9:29	97.5	93.5	96.6	96.4	5 19				1.02	98.3	.99	1.29
1973	3 19 16:36	92.7	91.3	92.1	91.8	3 16	-1			1.01	93.1	.99	1.23
1974	5 17 11:29	78.4	76.7	77.9	77.9	5 17				1.01	78.9	1.00	1.09
1975	4 25 11:12	44.7	41.3	43.8	42.8	4 25				1.04	44.8	1.02	.72
1976	4 2 8:47	68.7	76.5	68.4	79.8	4 2				1.00	83.1	.97	1.00
1977	12 22 1:44	32.3	32.0	32.0	31.7	12 22		32.0	12 28	1.01	32.2	1.00	.67
1978	5 18 12:39	37.7	32.6	36.6	36.2	5 19	-1			1.02	39.2	.96	1.48
1979	5 14 9:21	99.5	92.4	94.2	93.9	5 14				1.02	99.3	1.00	.89

02FA013 HARRIS RIVER AT HIGHWAY 69

DRAINAGE AREA 39.9 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1978-79

RECORDING GAUGE 1978-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QQ	DATE OF QQ	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1978	4 29 14:48	22.4	22.2	22.3	22.0	4 29				1.00	22.5	1.00	1.33
1979	4 6 1:09	38.0	29.6	29.8	29.1	4 6		29.8	04 04	1.01	38.2	1.00	1.27

08GC829 HEMLOCK CREEK NEAR PORT BURWELL

DRAINAGE AREA 18.1 SQ KM

REGULATED

PERIOD OF RECORD 1978-78

RECORDING GAUGE 1978-78

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1978	4 2 20:30	.651	.161	.442	.442	4 2		0.493	03 05	1.47	.503	1.12	.68
1979	2 26 0:45	1.84	.227	.694	.637	2 27	1			1.58	.956	1.69	.86
1972	3 14 10:00	2.15	1.02	1.96	1.29	4 14				1.10	2.79	.77	1.63
1973	3 14 23:27	1.20	.637	1.08	.932	4 15	-1			1.20	1.42	.98	1.19
1974	3 9 12:09	1.13	.524	.994	.686	3 9				1.14	1.42	.79	1.52
1975	8 24 21:20	.923	.062	.961	.357	8 24		0.048	02 24	1.65	.913	1.01	.99
1976	NO DATA												

02HC013 HIGHLAND CREEK NEAR WEST HILL

DRAINAGE AREA 88.1 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1956-79

RECORDING GAUGE 1961-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1961	9 3 18:30	11.4	.961	.929	.961	9 3		0.16	02 23	12.27	1.38	8.79	.07
1962	11 18 9:00	25.4	.484	11.8	2.48	11 18				2.15	22.2	1.15	.66
1963	8 3 22:20	18.9	.498	1.41	1.11	8 3		0.58	03 17	13.40	2.02	9.38	.07
1964	7 13 18:30	31.1	3.31	14.5	2.43	7 13				2.14	26.1	1.19	.82
1965	2 18 20:00	36.8	1.99	17.8	3.71	2 18				2.02	32.8	1.18	.98
1966	NO DATA							12.9	03 01				
1967	NO DATA							26.8	04 03				
1968	9 6 5:40	27.9	1.89	3.99	.961	9 6		13.4	02 02	6.99	7.15	3.90	.23
1969	4 18 14:07	12.9	1.19	6.60	2.13	4 18				1.95	11.5	1.12	.88
1970	4 28 7:57	21.2	.918	4.78	1.99	4 28				4.51	8.15	2.60	.35
1971	6 12 17:50	31.4	.984	3.47	1.28	6 12		7.62	04 02	9.15	5.98	5.25	.17
1972	4 13 9:20	32.3	6.37	14.6	4.28	4 13				2.21	23.9	1.35	.69
1973	3 11 15:25	63.1	2.88	19.4	4.16	3 11		28.1	02 02	4.18	27.7	2.28	.41
1974	NO DATA												
1975	NO DATA												
1976	NO DATA							21.8	08 29				
1977	NO DATA							29.4	03 13				
1978	NO DATA							13.3	04 07				
1979	12 25 17:18	46.7	6.43	19.9	4.18	12 25				2.39	33.7	1.39	.69

02FC009 HOLLAND RIVER AT HOLLAND LANDING

NATURAL FLOW

DRAINAGE AREA 181 SQ KM

PERIOD OF RECORD 1965-79

RECORDING GAUGE 1966-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
										1.64	23.9	.93	1.89
1966	3 1 0145	22.2	.481	13.5	5.66	3 1				3.28	21.1	2.86	.41
1967	6 12 1915	43.6	7.79	13.3	3.14	6 13	-1			1.85	19.4	1.26	.71
1968	2 2 1908	24.4	1.44	13.2	12.6	2 2				1.28	23.1	.83	1.32
1969	3 21 2150	19.2	7.93	15.8	5.92	3 21				1.20	15.4	.93	1.18
1970	4 9 2110	14.4	10.1	12.8	7.82	4 9				1.15	29.9	.72	1.68
1971	4 2 1901	21.4	3.88	18.6	10.8	4 2				1.26	39.3	.96	1.89
1972	4 13 2029	37.7	19.1	38.0	22.3	4 13				2.25	26.9	1.33	.72
1973	2 2 1622	35.7	.674	15.9	9.86	2 2				1.41	53.6	.82	1.27
1974	3 5 2145	44.2	12.1	31.4	6.29	3 5				2.27	57.7	1.52	.96
1975	2 24 2132	67.5	9.44	38.5	33.1	2 24				1.57	38.8	1.13	.81
1976	3 21 0812	34.8	9.58	22.1	21.3	3 20	1			4.58	15.5	2.95	.26
1977	8 16 2134	45.9	.559	18.2	9.15	8 16		16.9	03 13	1.53	36.7	.99	1.01
1978	4 1 1853	36.5	7.48	24.3	16.3	4 1		24.7	04 07	1.36	35.1	.91	1.16
1979	3 4 2208	31.9	15.8	23.5	8.76	3 5	-1						

02GB006 HORNER CREEK NEAR PRINCETOWN

REGULATED

DRAINAGE AREA 150 SQ KM

PERIOD OF RECORD 1953-79

RECORDING GAUGE 1973-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
										1.24	34.9	.89	1.24
1973	3 12 1206	38.9	9.32	24.5	18.9	3 12				1.29	42.2	.87	1.29
1974	3 5 1941	36.8	7.65	28.6	22.3	3 5		30.6	01 28	1.39	39.3	.87	1.28
1975	4 20 2316	34.3	18.5	24.6	9.48	4 20		29.7	02 25	1.96	29.5	1.23	.64
1976	3 6 1742	31.4	19.1	20.1	10.4	3 7	-1	28.7	03 21	1.33	38.6	1.06	.86
1977	3 13 2127	41.1	38.3	30.9	16.1	3 14	-1			1.35	28.8	1.06	.87
1978	4 2 1815	38.6	18.6	22.6	22.3	4 2		23.1	04 08	1.49	44.9	1.08	.87
1979	4 14 2154	48.7	27.3	32.7	13.7	4 15	-1	30.8	03 05				

05HC029 HUMBER RIVER AT ELDER MILLS

DRAINAGE AREA 303 50 KM

NATURAL FLOW

PERIOD OF RECORD 1962-79

RECORDING GAUGE 1963-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QQ	DATE OF QQ	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1963	3 25 19:15	34.8	19.9	21.7	18.6	3 26	-1			1.57	24.2	1.41	.33
1964	12 25 16:00	18.5	6.66	6.91	3.68	12 26	-1	11.3	03 05	2.66	8.68	2.13	.26
1965	NO DATA							70.8	02 11				
1966	1 1 4:00	14.8	4.25	10.7	5.41	1 1				1.31	16.6	.84	1.20
1967	4 3 5:30	30.8	9.32	19.6	8.38	4 3				1.53	30.4	.99	1.02
1968	3 19 9:40	32.8	19.8	24.8	17.8	3 19		27.2	02 03	1.29	38.8	1.84	.91
1969	3 21 10:40	33.1	14.8	27.5	10.4	3 21				1.20	38.4	.86	1.32
1970	4 9 9:24	14.8	8.38	13.6	10.3	4 9				1.09	17.9	.83	1.96
1971	4 2 20:56	22.1	4.79	15.7	12.4	4 2				1.41	22.8	.97	1.05
1972	4 14 1:05	43.8	32.8	36.5	30.9	4 14				1.18	41.2	1.04	.83
1973	3 11 19:00	30.3	13.5	21.8	11.7	3 12	-1			1.44	29.4	1.03	.95
1974	NO DATA							45.9	03 05				
1975	4 19 9:47	45.4	9.74	37.4	23.6	4 19				1.22	58.1	.78	1.43
1976	3 21 3:09	47.9	25.5	36.5	19.8	3 21				1.31	52.8	.91	1.18
1977	3 10 21:42	38.9	18.3	18.7	16.1	3 10		22.5	03 13	1.65	24.2	1.28	.62
1978	4 1 20:59	34.8	11.9	23.1	15.1	4 1				1.51	32.7	1.06	.98
1979	3 9 19:05	29.1	4.88	29.8	17.1	3 9				1.88	47.5	.61	1.99

02HC003 HUMBER RIVER AT WESTON

REGULATED

DRAINAGE AREA 868 SQ KM

PERIOD OF RECORD 1949-79

RECORDING GAUGE 1950-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1950	2 28 14:00	25.2	19.1	20.2	20.0	2 28				1.25	20.9	1.21	.23
1951	4 1 23:00	189	79.6	86.4	95.5	4 2	-1			1.26	185	1.04	.91
1952	5 9 23:45	130	18.3	91.2	76.9	5 9		112	03 31	1.51	134	1.02	.97
1953	3 25 1:00	94.1	22.8	29.7	24.3	3 25				1.02	36.3	1.44	.42
1954	11 10 22:00	125	94.7	99.7	19.8	11 11	-1			2.09	84.2	1.49	.94
1955	3 27 19:00	88.3	68.8	62.9	38.1	3 27				1.40	78.3	1.13	.75
1956	3 6 14:30	185	25.2	68.6	23.8	3 5				1.73	96.7	1.89	.98
1957	2 11 3:00	264	85.8	204	68.8	2 11				1.28	335	.78	1.48
1958	3 5 22:45	74.8	18.9	49.8	37.7	3 5				1.50	71.3	1.05	.92
1959	4 3 12:15	118	29.4	75.8	35.7	4 3				1.47	117	.94	1.18
1960	2 2 23:30	97.7	11.3	66.8	63.4	2 2		71.4	03 19	1.46	96.2	1.02	.98
1961	4 18 22:30	188	97.8	67.7	29.2	4 19	-1	69.8	03 21	1.68	91.9	1.18	.75
1962	4 4 4:15	41.9	23.2	33.1	24.9	4 4				1.27	42.4	.99	1.02
1963	4 2 13:45	97.1	25.7	81.8	68.9	4 2				1.19	120	.81	1.43
1964	4 14 21:51	179	118	143	136	4 13	1			1.25	159	1.13	.62
1965	3 12 8:30	138	47.8	88.9	36.8	3 12				1.46	136	.95	1.07
1966	3 9 9:45	193	96.9	163	105	3 9				1.18	245	.79	1.46
1967	2 25 7:30	198	94.6	155	49.6	2 25				1.23	237	.88	1.41
1968	3 21 1:30	169	81.8	133	62.8	3 21				1.27	194	.87	1.26
1969	10 2 3:15	81.8	16.2	62.8	24.6	10 2		73.6	03 13	1.31	183	.78	1.37
1970	4 2 2:25	123	95.9	81.8	78.4	4 1	1	87.2	04 07	1.52	95.8	1.29	.58
1971	12 25 17:30	148	38.2	123	69.4	12 25				1.18	194	.75	1.93

02HC012 HUNBER RIVER NEAR CEDAR HILLS

DRAINAGE AREA 169 SQ KM — REGULATED

PERIOD OF RECORD 1967-79

RECORDING GAUGE 1969-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1969	2 18 19:00	85.0	11.3	45.9	21.0	2 18				1.85	75.7	1.12	.86
1966	6 14 10:00	8.86	.963	4.59	3.02	6 14		9.66	03 05	1.93	6.79	1.31	.68
1967	6 11 4:00	10.5	2.01	5.32	2.55	6 11		8.67	04 03	1.97	8.36	1.26	.74
1968	3 20 23:30	38.5	13.6	26.0	18.4	3 19	1			1.45	37.2	1.03	.94
1969	4 18 17:52	15.7	2.94	11.9	8.95	4 18		13.2	03 21	1.32	17.9	.88	1.22
1970	4 9 2:01	9.85	5.24	8.47	6.89	4 9				1.16	11.3	.87	1.34
1971	4 13 21:45	8.61	7.25	8.38	6.48	4 13				1.03	9.98	.87	1.74
1972	4 14 1:05	22.9	13.8	18.9	14.1	4 14				1.21	24.3	.94	1.14
1973	3 12 8:00	12.2	5.44	10.8	9.49	3 12				1.22	14.9	.84	1.39
1974	NO DATA							25.5	03 05				
1975	NO DATA							25.9	04 19				
1976	3 21 3:32	28.6	12.5	23.7	9.19	3 21				1.21	36.6	.78	1.45
1977	3 13 9:50	21.7	6.88	13.1	9.88	3 13				1.66	18.7	1.16	.79
1978	4 1 17:43	13.9	8.95	9.48	4.67	4 2	-1			1.48	12.8	1.16	.73
1979	3 14 11:18	22.8	2.38	17.8	7.81	3 14				1.29	29.3	.75	1.42

02HF012 INDIAN RIVER NEAR BLAKENEY

DRAINAGE AREA 283 SQ KM — REGULATED

PERIOD OF RECORD 1971-79

RECORDING GAUGE 1972-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1972	4 21 23:05	30.3	22.1	26.6	26.4	4 21				1.13	29.4	1.03	.84
1973	3 18 1:00	27.7	18.8	24.9	20.2	3 18				1.11	30.3	.91	1.32
1974	4 4 19:21	22.3	13.9	14.4	8.89	4 5	-1	19.3	04 15	1.55	17.4	1.28	.95
1975	4 19 16:14	32.8	18.1	24.6	21.7	4 19				1.33	33.3	.98	1.03
1976	4 1 13:19	48.8	26.0	38.8	35.1	4 1				1.25	47.1	.87	1.01
1977	3 14 19:36	17.7	9.91	17.8	13.3	3 14				1.84	22.4	.79	1.77
1978	4 14 2:03	38.9	19.4	29.9	21.7	4 14		28.9	04 21	1.19	31.3	.99	1.03
1979	4 3 2:00	18.5	12.7	17.2	15.4	4 3				1.08	20.4	.91	1.42

02KC014 INDIAN RIVER NEAR PEMBROKE

NATURAL FLOW

DRAINAGE AREA 443 SQ KM

PERIOD OF RECORD 1969-79

RECORDING GAUGE 1978-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1970	4 17 17:15	37.1	38.8	32.8	32.3	4 17		33.1	84 19	1.13	34.5	1.08	.95
1971	4 24 0:01	41.6	39.6	40.8	39.9	4 23	1			1.02	41.9	.99	1.14
1972	5 2 19:48	51.5	49.8	50.1	49.6	5 2				1.03	52.9	.97	1.33
1973	4 3 18:55	80.7	96.1	76.7	71.4	4 3				1.05	89.6	.90	1.53
1974		NO DATA						51.9	84 16				
1975		NO DATA						43.3	84 21				
1976		NO DATA						61.7	84 03				
1977	3 31 23:37	31.1	29.2	29.7	29.1	4 1	-1			1.05	32.3	.96	1.29
1978		NO DATA						52.4	84 22				
1979		NO DATA						29.8	84 28				

02HJ001 JACKSONS CREEK AT PETERBOROUGH

NATURAL FLOW

DRAINAGE AREA 118 SQ KM

PERIOD OF RECORD 1962-79

RECORDING GAUGE 1978-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1970	4 11 19:00	10.9	9.54	9.66	8.92	4 12	-1			1.04	10.3	1.02	.86
1971	4 14 19:47	16.2	14.8	15.9	15.5	4 14				1.02	16.6	.96	1.18
1972	4 19 0:26	18.0	17.8	17.5	16.8	4 19				1.03	18.1	.99	1.09
1973	3 17 16:56	19.6	9.83	11.6	9.88	3 17		13.6	84 03	1.71	13.6	1.44	.42
1974	7 27 18:48	19.6	.478	1.35	.297	7 27		13.6	84 05	11.78	2.32	8.82	.13
1975	4 19 0:57	14.2	9.83	10.5	10.3	4 20	-1	11.2	83 22	1.35	10.9	1.30	.21
1976	3 29 18:00	17.8	16.6	17.8	16.3	3 26	-1			1.05	17.6	1.01	.81
1977	3 14 17:26	19.5	11.2	14.8	14.8	3 14				1.05	17.8	.91	1.52
1978	4 11 18:41	14.2	13.8	13.4	13.2	4 13	-2			1.06	13.7	1.04	.95
1979	3 29 18:00	13.2	12.9	13.1	12.4	3 29				1.01	13.8	.96	1.73

02LA007 JOCK RIVER NEAR RICHMOND

DRAINAGE AREA 559 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1969-79

RECORDING GAUGE 1978-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1970	4 14 22:48	125	87.5	121	119	4 14				1.03	130	.98	1.02
1971	4 19 23:30	116	104	112	110	4 19				1.04	117	.99	1.11
1972	NO DATA							136	04 19				
1973	NO DATA							119	03 10				
1974	NO DATA							79.3	03 06				
1975	4 28 5:55	123	118	122	113	4 28				1.01	132	.93	1.03
1976	4 1 10:06	140	128	137	125	4 1				1.02	147	.95	1.06
1977	NO DATA							117	03 15				
1978	4 14 22:00	140	95.7	133	131	4 14				1.11	152	.97	1.13
1979	NO DATA							114	03 25				

02CF005 JUNCTION CREEK AT SUDBURY

REGULATED

DRAINAGE AREA 89.1 SQ KM

PERIOD OF RECORD 1958-79

RECORDING GAUGE 1959-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1959	10 24 23:45	23.6	9.37	17.2	12.4	10 25	-1	17.2	04 15	1.37	23.5	1.00	.99
1960	NO DATA									1.78	17.1	1.21	.75
1961						9 14				1.15	16.1	.95	1.17
1962	9 14 13:00	28.0	2.21	11.7	10.3	3 30	-1			2.98	33.7	2.55	.13
1963	3 29 21:00	15.3	10.4	13.3	10.6	3 31	-1			1.11	26.7	.98	1.10
1964	3 30 19:00	26.1	26.0	29.7	24.6	4 14	-1			1.43	20.0	1.32	.34
1965	4 13 22:00	27.4	22.2	23.6	10.9	4 12				1.30	16.2	.98	1.05
1966	4 12 5:00	15.0	10.1	19.1	16.7	3 24	-1			1.11	33.2	.96	1.19
1967	3 23 14:00	31.7	0.69	12.2	7.76	4 2				1.11	14.6	.96	1.17
1968	4 2 15:00	14.0	26.6	20.6	21.9	3 29	-1			1.00	19.9	.98	1.41
1969	3 28 19:30	17.9	12.0	12.6	9.23	4 10				2.44	15.4	2.00	.22
1970	4 10 21:00	32.0	11.2	16.5	15.1	9 25	-1	18.9	06 02	1.66	27.4	1.03	.96
1971	9 24 11:00	20.2	10.2	13.1	11.4	12 11	-1	19.0	04 14	1.39	20.0	1.17	.56
1972	12 19 21:56	32.6	6.74	17.0	6.43	4 20							
1973	4 20 17:30		21.0	25.0	23.1			12.0	03 14				
1974	NO DATA	34.5	.161	4.90	.929	8 18		20.5	11 01	6.93	9.42	3.66	.20
1975	8 18 16:27	24.7	10.2	23.1	20.1	4 19				1.07	27.1	.91	1.42
1976	4 19 0:40	20.6	16.5	18.7	17.1	3 31	-1			1.10	20.6	1.00	1.00
1977	3 30 22:47	21.4	10.2	20.0	17.6	3 30	-1			1.07	22.1	.97	1.20
1978	3 29 19:02	17.4	4.05	7.70	3.60	8 24	-1	15.2	04 19	2.26	11.6	1.50	.57
1979	8 23 21:52	21.7	8.31	20.3	16.0	4 14				1.07	20.0	.77	1.69

02CF106 JUNCTION CREEK BELOW KELLY LAKE

REGULATED

DRAINAGE AREA 207 SQ KM

PERIOD OF RECORD 1977-79

RECORDING GAUGE 1977-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1977	3 31 1:05	21.7	14.2	21.8	20.0	3 30	1			1.03	24.9	.87	1.78
1978	NO DATA							20.6	04 20				
1979	NO DATA							20.3	04 15				

04JA002 KABINAKAGAMI AT HIGHWAY NO.11

DRAINAGE AREA 3780 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1958-79

RECORDING GAUGE 1966-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1966	5 24 6:00	306	303	306	308	5 24							
1967	5 22 6:00	267	264	266	268	5 22				1.00	310	.99	2.00
1968	7 21 20:00	174	172	173	165	7 22	-1			1.00	270	.99	1.60
1969	5 9 18:00	242	238	242	238	5 9				1.01	177	.98	1.64
1970	5 24 6:04	124	122	123	119	5 24				1.00	246	.98	2.00
1971	5 28 8:34	198	195	198	196	5 28				1.01	125	.99	1.43
1972	5 4 2:24	286	198	285	284	5 4				1.00	288	.99	2.00
1973	5 13 2:02	283	197	282	280	5 12	1			1.00	213	.97	1.70
1974	5 22 11:23	238	236	237	237	5 22				1.00	285	.99	1.56
1975	5 2 18:10	195	138	191	187	5 3	-1			1.00	237	1.00	.67
1976	4 23 19:59	231	224	229	228	4 23				1.02	223	.97	1.78
1977	4 23 19:26	253	250	252	247	4 24	-1			1.01	232	1.00	1.28
1978	6 3 6:25	227	224	225	214	6 3				1.00	255	.99	1.56
1979	5 15 1:30	341	339	340	334	5 15				1.01	231	.98	1.50
										1.00	343	.99	1.56

02AB006 KAMINISTIKWIA RIVER AT KAMINISTIKWIA

DRAINAGE AREA 6480 SQ KM

REGULATED

PERIOD OF RECORD 1926-79

RECORDING GAUGE 1967-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1967	5 2 6:00	195	132	187	163	5 2				1.04	226	.86	1.66
1968	6 14 20:00	470	433	456	456	6 14				1.03	467	1.01	.98
1969	NO DATA							278	04 17				
1970	5 26 5:30	274	238	271	266	5 26				1.01	298	.94	1.73
1971	NO DATA							283	05 25				
1972	5 3 3:13	227	211	222	220	5 1	2	222	05 01	1.02	228	.99	1.13
1973	11 22 3:10	126	119	123	109	11 22		123	04 22	1.02	132	.95	1.58
1974	5 22 22:48	163	132	140	137	5 24	-2	149	04 27	1.16	145	1.12	.39
1975	4 27 1:44	130	114	116	108	4 27				1.12	121	1.07	.53
1976	4 19 1:09	262	259	261	260	4 18				1.00	262	1.00	1.28
1977	9 27 19:23	292	286	292	283	9 27				1.00	299	.97	2.00
1978	5 30 3:33	180	96.6	170	138	5 30				1.06	222	.81	1.68
1979	5 11 12:35	239	168	233	215	5 11				1.03	274	.87	1.75

02AB001 KAMINISTIKWIA RIVER NEAR DONA

REGULATED

DRAINAGE AREA 3630 SQ KM

PERIOD OF RECORD 1928-56

RECORDING GAUGE 1955-56

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1955	7 29 17:00	45.3	27.3	39.9	35.5	7 28	1			1.14	48.4	.94	1.22
1956	9 17 23:00	45.9	31.1	40.8	30.9	9 17				1.13	50.6	.91	1.32

02HC036 KATABOKOKONG CREEK ABOVE LOCUST HILL

NATURAL FLOW

DRAINAGE AREA 3.63 SQ KM

PERIOD OF RECORD 1974-76

RECORDING GAUGE 1975-76

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1975	2 24 19:21	5.47	.485	1.68	.871	2 24				3.26	3.12	1.75	.55
1976	3 28 16:06	7.59	.057	2.05	1.15	3 28				3.70	3.58	2.17	.41

04FA002 KAMINOGANS RIVER NEAR PICKLE CROW

DRAINAGE AREA 1540 SQ KM

REGULATED

PERIOD OF RECORD 1967-79

RECORDING GAUGE 1969-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1969	6 7 9:00	84.1	81.8	83.8	82.4	6 7				1.00	85.5	.98	1.70
1970	7 18 12:50	73.3	63.7	72.2	70.0	7 18				1.02	77.1	.95	1.64
1971	5 8 7:00	57.5	56.6	57.2	57.2	5 8				1.01	57.5	1.00	1.00
1972	5 21 19:50	48.4	47.0	48.1	48.1	5 21				1.01	48.7	.99	1.29
1973	8 12 6:11	51.0	49.0	51.5	51.3	8 12				1.01	52.9	.98	1.64
1974	5 27 8:50	102	101	102	102	5 27				1.00	102	1.00	2.00
1975	5 9 13:30	60.0	56.9	58.9	58.9	5 9				1.02	59.9	1.00	.95
1976	5 1 3:55	33.4	31.7	32.6	32.0	5 1				1.02	33.4	1.00	.97
1977	7 21 14:55	61.4	59.5	61.2	60.0	7 21				1.00	62.7	.98	1.76
1978	6 13 12:10	54.4	53.5	54.1	53.2	6 13				1.01	54.9	.99	1.43
1979	9 10 15:13	74.9	73.0	73.5	71.3	9 10				1.02	74.9	1.00	.98

02LA006 KEMPTVILLE CREEK NEAR KEMPTVILLE

DRAINAGE AREA 409 SQ KM

REGULATED

PERIOD OF RECORD 1969-79

RECORDING GAUGE 1970-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1970	4 11 11:35	72.2	69.1	69.7	69.7	4 11				1.04	70.0	1.03	.21
1971	4 16 20:35	78.2	74.8	76.5	76.5	4 16				1.02	77.4	1.01	.67
1972	4 17 16:15	81.6	76.7	80.1	79.9	4 18	-1			1.02	81.9	1.00	1.89
1973	NO DATA							53.5	03 19				
1974	4 6 20:15	59.2	50.1	56.9	56.9	4 6				1.04	60.3	.98	1.19
1975	4 21 2:40	47.6	47.0	47.3	44.7	4 21				1.01	48.0	.98	1.66
1976	3 30 2:45	74.2	72.2	72.8	68.0	3 30				1.02	75.5	.98	1.32
1977	3 16 21:51	80.1	75.3	79.3	77.9	3 16				1.01	82.0	.98	1.54
1978	4 13 18:19	66.5	61.2	64.0	62.0	4 14	-1			1.03	68.0	.98	1.31
1979	3 25 17:20	50.3	44.7	49.5	48.5	3 25				1.02	52.4	.96	1.57

02GG009 KENNY CREEK NEAR BURFORD

DRAINAGE AREA 91.9 SQ KM

PERIOD OF RECORD 1961-79

RECORDING GAUGE 1973-79

NATURAL FLOW

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1973	3 11 23:51	25.5	8.18	15.8	6.91	3 12	-1			1.78	22.5	1.13	.83
1974	4 4 11:19	32.8	3.62	15.1	6.65	4 4				2.12	25.1	1.28	.74
1975	2 25 9:05	22.7	12.7	14.7	5.86	2 25				1.54	20.1	1.13	.81
1976	3 5 22:35	53.5	17.8	26.6	11.4	3 6	-1			2.01	39.8	1.37	.63
1977	3 13 11:33	36.2	9.91	23.7	13.9	3 13				1.53	35.5	1.02	.97
1978	3 24 11:39	38.8	28.6	23.4	15.3	3 24				1.66	28.9	1.34	.52
1979	4 14. 18:15	54.5	4.64	39.8	15.7	4 14				1.56	59.8	.91	1.12

04JG001 KENOGAMI RIVER NEAR HANNAHATAWA

DRAINAGE AREA 26200 SQ KM

PERIOD OF RECORD 1966-79

RECORDING GAUGE 1969-79

REGULATED

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1969	5 8 19:30	2120	2030	2100	2100	5 8				1.01	2135	.99	1.27
								1730	05 03				
1970		NO DATA											
1971		NO DATA											
1972	5 16 99:99	1830	1760	1830	1730	5 16				1.00	1919	.96	2.00
1973	5 11 16:20	1400	1290	1460	1430	5 11				1.01	1568	.99	1.07
1974		NO DATA						2120	05 23				
1975	5 7 17:00	1670	1640	1670	1610	5 7				1.00	1715	.97	2.00
1976		NO DATA						2610	04 24				
1977	4 25 0:25	2560	2510	2540	2520	4 25				1.00	2565	.99	1.43
1978		NO DATA						1000	05 17				
1979		NO DATA						1010	05 13				

02GC002 KETTLE CREEK AT ST.THOMAS

DRAINAGE AREA 329 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1949-79

RECORDING GAUGE 1967-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1967	12 22 4:30	121	29.7	79.6	12.3	12 22				1.52	138	.88	1.17
1968	2 2 8:45	275	78.4	225	43.3	2 2				1.22	389	.71	1.93
1969	1 30 10:15	155	5.75	111	53.8	1 30				1.40	192	.80	1.38
1970	4 2 20:10	124	4.16	54.7	33.7	4 2				2.27	98.5	1.27	.68
1971	2 27 17:59	93.7	10.7	68.5	53.8	2 27				1.37	100	.93	1.12
1972	4 17 3:52	142	33.7	72.2	15.2	4 17				1.97	119	1.18	.81
1973	3 11 21:36	161	15.9	69.4	68.6	3 11				2.32	100	1.60	.51
1974	1 27 12:25	110	9.48	75.6	28.1	1 27				1.56	132	.89	1.15
1975	2 24 16:01	114	45.3	81.8	29.4	2 24				1.41	124	.91	1.14
1976	NO DATA							131	93 05				
1977	3 13 9:99	193	41.3	126	32.9	3 13				1.53	215	.90	1.14
1978	3 23 23:90	99.1	75.3	85.8	71.1	3 23				1.17	96.8	1.02	.91
1979	4 14 7:52	196	26.8	141	26.8	4 14				1.39	255	.77	1.35

04KA001 KWATABOAHEGAN RIVER NEAR THE MOUTH

DRAINAGE AREA 4250 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1967-79

RECORDING GAUGE 1973-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1973	4 25 9:60	246	210	225	185	4 25				1.09	252	.97	1.13
1974	5 15 16:00	538	473	535	524	5 15				1.01	571	.94	1.05
1975	5 4 17:25	264	141	259	246	5 3	1			1.02	324	.81	1.06
1976	4 22 1:45	476	438	459	377	4 22				1.04	514	.93	1.53
1977	4 27 2:60	821	586	776	762	4 26	1			1.06	878	.94	1.39
1978	NO DATA							442	85 14				
1979	NO DATA							288	85 24				

05PC016 LA VALLE RIVER NEAR DEVLIN

DRAINAGE AREA 243 SQ KM

PERIOD OF RECORD 1968-79

RECORDING GAUGE 1978-79

NATURAL FLOW

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1978	4 17 10:45	27.7	23.4	27.6	25.1	4 17				1.00	31.0	.89	1.94
1971	NO DATA							35.7	04 12				
1972	7 21 2:35	38.5	30.0	35.1	23.0	7 21				1.10	43.7	.88	1.43
1973	10 13 10:03	16.4	14.3	16.2	15.2	10 13				1.01	17.7	.93	1.76
1974	4 17 21:00	32.3	30.6	31.4	27.1	4 16	-1			1.03	34.0	.95	1.48
1975	NO DATA							44.5	04 25				
1976	4 7 19:30	25.0	19.3	23.5	21.7	4 7				1.01	26.5	.90	1.62
1977	9 26 10:10	14.6	12.1	14.4	14.1	9 26				1.01	15.7	.93	1.73
1978	4 19 11:15	40.5	36.0	30.5	32.0	4 19				1.05	42.6	.95	1.34
1979	NO DATA							60.0	04 20				

05DD013 LA VASE RIVER AT NORTH BAY

DRAINAGE AREA 78.4 SQ KM

PERIOD OF RECORD 1974-79

RECORDING GAUGE 1974-79

NATURAL FLOW

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1974	4 14 14:11	13.7	8.86	12.6	9.57	4 14				1.09	16.0	.86	1.91
1975	4 20 11:01	17.7	11.0	15.3	12.1	4 20				1.16	19.1	.93	1.22
1976	3 24 21:25	19.2	12.9	17.6	12.7	3 24				1.09	22.6	.85	1.92
1977	3 31 9:16	13.9	10.6	12.8	9.86	3 31				1.09	15.8	.88	1.46
1978	4 19 6:01	11.3	8.01	10.6	9.05	4 19				1.07	11.9	.95	1.29
1979	4 15 3:05	9.34	7.00	8.72	6.99	4 15		8.05	03 25	1.07	10.0	.93	1.36

02LH011 LAPECHE(RIVIERE) A SAINT LOUIS DE HASHAM

DRAINAGE AREA 117 SQ KM

REGULATED

PERIOD OF RECORD 1970-79

RECORDING GAUGE 1971-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	CP/QPP	K
1971	5 5 16:58	10.8	10.5	10.6	10.6	5 4	1			1.02	10.7	1.01	.48
1972	5 6 10:24	16.7	15.5	16.0	15.3	5 7	-1			1.04	16.6	1.01	.92
1973	4 6 16:10	9.23	9.12	9.15	9.08	4 7	-1			1.01	9.24	1.00	1.06
1974	4 27 21:50	10.2	9.83	10.1	9.74	4 28	-1			1.01	10.4	.98	1.52
1975	5 3 0:00	12.1	11.9	12.1	11.7	5 2	1			1.00	12.4	.98	2.00
1976	4 7 19:21	10.9	10.6	10.8	10.7	4 7				1.01	11.0	1.00	1.20
1977	4 6 9:57	6.14	5.80	6.06	5.95	4 6				1.01	6.25	.98	1.40
1978	4 29 12:42	10.7	10.2	10.5	10.5	4 28	1			1.02	10.7	1.00	.86
1979	5 1 21:20	8.00	8.31	8.50	8.08	5 2	-1			1.04	8.01	1.00	1.01

02GA024 LAUREL CREEK AT WATERLOO

DRAINAGE AREA 59.6 SQ KM

REGULATED

PERIOD OF RECORD 1959-79

RECORDING GAUGE 1960-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	CP/QPP	K
1960	3 30 22:00	13.6	4.02	8.72	5.95	3 31	-1			1.56	12.5	1.09	.87
1961	2 23 9:00	10.0	.725	7.50	5.15	2 23				2.40	12.1	1.49	.61
1962	6 10 13:00	10.2	.629	.711	.419	6 11	-1	3.51	63 25	14.35	.898	11.36	.04
1963	3 25 20:00	14.0	2.41	9.63	7.45	3 25				1.45	14.3	.98	1.84
1964	8 3 5:20	17.5	.025	3.80	.895	8 3		4.42	12 25	5.83	5.54	3.16	.30
1965	2 10 17:50	45.0	1.39	17.4	8.58	2 10				2.59	29.0	1.51	.62
1966	12 7 19:50	6.57	1.47	5.86	4.73	12 7				1.12	8.62	.76	1.99
1967	4 3 10:40	29.7	4.84	12.8	3.57	4 3				2.32	21.4	1.39	.67
1968	8 6 3:15	37.1	.865	13.7	5.75	8 6				2.71	24.5	1.51	.63
1969	1 30 18:05	7.70	.714	4.78	3.26	1 30				1.64	7.41	1.04	.95
1970	8 12 15:05	7.79	.042	.518	.255	8 12		2.13	84 09	15.04	.888	8.78	.10
1971	4 2 3:00	7.28	1.85	5.78	4.02	4 2				1.26	8.63	.84	1.31
1972	6 21 12:01	13.4	.147	1.30	.586	6 21		6.60	84 13	10.31	2.23	6.00	.14
1973	3 11 12:55	10.9	2.01	5.32	4.13	3 11				2.05	7.17	1.52	.58
1974	5 16 23:52	16.2	4.01	12.3	5.10	5 17	-1			1.32	19.6	.82	1.31
1975	8 24 4:19	43.3	.110	14.6	6.00	8 24				2.97	26.1	1.66	.57
1976	7 7 16:01	17.0	.113	1.02	.139	7 7		4.79	83 20	17.45	1.91	9.30	.10
1977	8 16 10:50	24.6	.125	1.99	1.48	8 16		5.72	83 13	12.36	3.18	7.74	.10
1978	9 17 9:24	10.7	.419	1.64	1.64	9 17		3.23	84 11	6.52	2.25	4.75	.13
1979	4 14 9:30	12.1	2.96	9.33	4.99	4 14				1.30	14.7	.82	1.32

04JF001 LITTLE CURRENT RIVER AT PERCY LAKE

NATURAL FLOW

DRAINAGE AREA 5360 SQ KM

PERIOD OF RECORD 1968-79

RECORDING GAUGE 1969-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1969	6 12 9:00	300	297	300	297	6 12				1.00	303	.99	2.00
1970	10 2 0:29	140	139	140	139	10 2				1.00	141	.99	2.00
1971	5 29 14:30	183	180	181	180	5 28	1			1.01	182	1.01	.67
1972	5 19 19:06	142	140	141	140	5 19				1.01	142	1.00	1.00
1973	8 2 22:29	170	168	169	168	8 2				1.01	170	1.00	1.00
1974	5 31 11:24	388	388	388	385	5 31		388	05 29	1.00	389	1.00	2.00
1975	6 20 18:11	263	257	263	262	6 20				1.00	266	.99	2.00
1976	NO DATA							144	05 11				
1977	5 7 15:22	154	152	153	152	5 8	-1			1.01	154	1.00	1.00
1978	6 15 1:49	196	193	195	195	6 14	1			1.01	196	1.00	1.00
1979	5 22 16:29	151	149	150	150	5 23	-1			1.01	150	1.00	.67

02HC029 LITTLE DON RIVER AT DON MILLS

NATURAL FLOW

DRAINAGE AREA 130 SQ KM

PERIOD OF RECORD 1964-79

RECORDING GAUGE 1967-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1967	4 3 9:30	28.8	3.96	12.2	2.57	4 3				1.78	21.1	.98	1.82
1968	3 16 17:20	25.7	1.21	14.6	10.8	3 16		19.1	02 02	1.76	23.2	1.11	.87
1969	4 18 13:23	24.3	1.69	15.3	5.69	4 18				1.59	26.9	.90	1.13
1970	NO DATA							8.47	04 02				
1971	7 6 0:00	38.9	1.98	8.58	1.13	7 8	8	17.1	08 2	3.64	15.4	2.00	.47
1972	NO DATA							21.2	04 13				
1973	NO DATA							18.0	02 02				
1974	3 5 4:26	68.9	12.2	28.6	5.55	3 5				2.40	48.3	1.42	.66
1975	2 24 23:10	67.1	7.62	37.1	13.3	2 24				1.81	63.6	1.05	.94
1976	8 28 19:22	45.9	7.25	10.6	2.24	8 28		17.0	03 28	4.33	16.5	2.79	.28
1977	NO DATA							16.7	03 13				
1978	9 18 21:43	39.9	1.06	18.2	3.99	9 18		13.5	04 07	3.91	17.9	2.23	.41
1979	3 4 13:18	33.3	7.55	19.5	12.8	3 4				1.71	28.8	1.16	.81

02FE007 LITTLE MAITLAND RIVER AT BLUEVALE

DRAINAGE AREA 326 SQ KM

REGULATED

PERIOD OF RECORD 1967-79

RECORDING GAUGE 1968-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1968	2 2 20:00	110	13.3	83.3	83.3	2 2				1.42	110	1.00	1.00
1969	4 5 12:15	124	38.3	74.5	51.9	4 5				1.66	108	1.15	.81
1970	4 10 11:00	95.8	35.1	49.6	36.8	4 10				1.13	83.3	.88	1.38
1971	4 10 11:20	49.8	43.0	47.8	38.8	4 10				1.06	93.1	.94	1.37
1972	4 15 12:09	79.8	66.8	68.8	53.0	4 15				1.09	77.7	.97	1.18
1973	3 12 13:50	96.6	16.5	39.6	29.2	3 12				1.43	96.3	1.00	.99
1974	5 17 14:10	111	25.5	83.8	53.5	5 17		83.8	03 05	1.32	128	.87	1.24
1975	4 19 17:05	196	98.1	167	92.8	4 19				1.17	262	.75	1.54
1976	3 21 15:51	194	57.5	171	75.8	3 21				1.13	279	.70	1.64
1977	3 13 19:36	201	91.8	172	132	3 13				1.17	252	.80	1.47
1978	4 12 11:07	73.6	47.9	58.3	32.8	4 12				1.26	76.7	.96	1.89
1979	4 14 17:42	132	27.8	114	73.1	4 14				1.16	177	.74	1.98

02GC015 LITTLE OTTER CREEK NEAR STRAFFORDVILLE

DRAINAGE AREA 184 SQ KM

REGULATED

PERIOD OF RECORD 1963-79

RECORDING GAUGE 1964-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1964	8 23 18:00	9.03	1.79	7.79	4.19	8 23				1.17	12.5	.72	1.97
1965	3 5 18:00	16.8	14.7	15.5	13.4	3 6	-1			1.08	17.8	.99	1.05
1966	12 7 19:00	10.7	2.29	8.98	8.58	12 7				1.19	12.6	.85	1.35
1967	NO DATA							11.1	12 22				
1968	2 2 19:00	13.2	6.97	12.3	11.4	2 2				1.07	15.4	.86	1.99
1969	1 30 22:44	16.2	5.55	13.8	13.3	1 30				1.17	18.2	.89	1.29
1970	4 2 19:30	6.29	4.73	4.98	3.31	4 3	-1	5.38	12 04	1.26	5.94	1.06	.85
1971	2 27 18:59	10.8	8.21	8.69	4.76	2 28	-1			1.24	10.9	.99	1.82
1972	3 3 01:44	11.9	1.81	10.3	8.24	3 2	1			1.16	15.6	.76	1.53
1973	3 11 19:00	9.94	6.91	8.83	5.30	3 12	-1	9.48	03 15	1.13	11.6	.86	1.42
1974	3 5 5:49	9.09	4.84	8.41	6.68	3 5				1.08	11.1	.82	1.68
1975	2 24 18:27	8.61	5.75	7.45	6.85	2 24				1.16	8.68	1.00	1.00
1976	3 5 23:00	28.4	9.12	16.1	16.1	3 5				1.27	19.6	1.04	.98
1977	9 26 21:24	16.8	11.5	11.8	4.53	9 27	-1			1.42	15.6	1.08	.86
1978	3 21 23:17	28.5	7.59	15.9	11.3	3 22	-1			1.29	22.4	.92	1.17
1979	3 5 21:00	16.4	10.4	12.4	5.27	3 5				1.32	17.8	.97	1.07

02RA003 LITTLE PIC RIVER NEAR COLDWELL

DRAINAGE AREA 1329 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1972-79

RECORDING GAUGE 1974-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1974	6 11 2159	99.1	55.2	90.6	69.1	6 11				1.09	121	.82	1.56
1975	NO DATA							119	05 17				
1976	4 19 1809	236	170	218	207	4 19				1.08	247	.95	1.24
1977	NO DATA							156	04 23				
1978	5 10 0012	86.4	66.3	71.6	55.5	5 10				1.21	82.3	1.05	.84
1979	5 11 0123	272	161	262	193	5 11				1.04	347	.78	1.79

02HC028 LITTLE ROUGE CREEK NEAR LOCUST HILL

DRAINAGE AREA 77.7 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1963-79

RECORDING GAUGE 1966-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1966	12 18 1918	10.7	8.18	6.34	3.92	12 18				1.69	9.68	1.11	.87
1967	8 28 0630	28.8	2.81	12.8	2.35	8 28				1.56	23.4	.85	1.19
1968	3 19 0900	15.1	11.9	13.2	11.5	3 19				1.14	14.7	1.03	.88
1969	4 18 2031	15.9	1.58	9.97	4.93	4 18				1.59	16.7	.95	1.06
1970	4 2 2301	6.97	4.82	5.38	5.15	4 3	-1			1.38	6.18	1.13	.67
1971	12 16 9999	21.4	1.86	4.16	1.72	12 16		18.9	04 02	5.14	6.93	3.09	.28
1972	4 12 1815	28.8	1.58	18.3	15.8	4 13	-1			1.14	28.8	.74	1.59
1973	NO DATA							18.8	03 04				
1974	4 4 0856	28.1	1.76	15.7	3.85	4 4				1.79	28.6	.98	1.82
1975	NO DATA							21.5	02 24				
1976	NO DATA							12.7	03 25				
1977	3 13 1130	26.7	4.81	18.1	5.18	3 13				1.48	31.2	.85	1.21
1978	5 14 2107	27.5	1.22	11.4	8.81	5 14				2.41	18.2	1.51	.59
1979	12 25 1430	19.9	6.47	16.9	5.87	12 25				1.18	28.8	.71	1.98

02CC005 LITTLE WHITE RIVER NEAR BELLINGHAM

DRAINAGE AREA 1960 90 KM

REGULATED

PERIOD OF RECORD 1942-79

RECORDING GAUGE 1961-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QO	DATE OF QO	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1961	9 16 11:20	123	91.2	116	108	9 16				1.06	132	.93	1.48
1962	9 9 11:25	277	218	277	218	9 9				1.00	340	.81	2.00
1963	NO DATA							116	64 28				
1964	4 23 4:00	194	186	191	184	4 23				1.02	197	.98	1.33
1965	9 4 18:30	267	199	206	197	9 4				1.00	214	.97	1.78
1966	4 23 7:00	273	243	269	231	4 23				1.01	301	.91	1.78
1967	9 4 3:15	439	371	402	275	9 4				1.09	481	.91	1.36
1968	4 16 6:00	129	115	121	118	4 16				1.07	125	1.03	.72
1969	4 18 3:00	141	138	148	136	4 18				1.01	143	.99	1.98
1970	6 3 6:00	422	231	374	374	6 2	1			1.13	448	.95	1.20
1971	4 23 6:57	173	169	172	171	4 23				1.01	174	.99	1.33
1972	9 4 18:09	311	266	309	292	9 4				1.01	330	.92	1.87
1973	9 4 21:02	108	98.4	106	106	9 4				1.02	111	.97	1.48
1974	4 24 3:16	174	169	170	159	4 24				1.02	176	.99	1.28
1975	9 2 21:33	232	226	227	212	9 3	-1			1.02	235	.99	1.23
1976	4 28 2:02	219	197	215	215	4 19	1			1.02	224	.98	1.28
1977	4 19 7:39	114	109	114	113	4 19				1.00	117	.97	2.00
1978	10 8 7:41	124	123	122	112	10 8				1.02	128	.97	1.98
1979	4 27 22:14	497	458	449	407	4 28	-1			1.02	549	.90	1.77

02GA033 LUTTERAL CREEK NEAR OUSTIC

DRAINAGE AREA 64.4 SQ KM

REGULATED

PERIOD OF RECORD 1953-79

RECORDING GAUGE 1967-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QO	DATE OF QO	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1967	4 3 10:15	13.8	5.41	10.3	5.38	4 3				1.34	15.2	.91	1.17
1968	3 19 13:15	10.8	4.19	8.50	7.08	3 18	1			1.27	11.4	.95	1.11
1969	4 6 10:39	8.55	4.53	7.99	6.65	4 5	1			1.07	10.4	.82	1.42
1970	4 9 21:14	8.72	3.79	7.59	5.83	4 9				1.15	10.4	.84	1.42
1971	4 18 11:25	9.49	5.95	7.14	6.03	4 10				1.33	8.29	1.14	.66
1972	4 17 22:35	15.5	10.7	13.4	13.3	4 17		13.9	04 15	1.16	14.8	1.05	.88
1973	3 12 8:15	9.74	5.52	9.09	5.92	3 12				1.07	12.5	.78	1.68
1974	5 17 12:26	28.1	2.28	15.8	6.43	5 17				1.27	27.2	.74	1.45
1975	4 19 11:10	22.7	6.34	28.6	11.9	4 19				1.10	32.1	.71	1.69
1976	3 21 11:58	16.4	4.19	13.4	8.30	3 21				1.22	20.6	.80	1.41
1977	3 13 14:56	18.3	6.65	15.3	11.1	3 13				1.20	21.7	.84	1.36
1978	4 11 21:50	9.57	7.28	8.38	6.40	4 12	-1			1.14	9.92	.96	1.13
1979	4 14 16:31	15.1	2.64	12.2	9.25	4 14				1.24	18.5	.82	1.37

02HB806 LYN CREEK NEAR LYA

DRAINAGE AREA UNKNOWN

REGULATED

PERIOD OF RECORD 1970-79

RECORDING GAUGE 1971-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QO	DATE OF QO	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1971	4 13 4:50	38.9	21.8	28.9	27.3	4 13				1.07	33.3	.93	1.37
1972	4 15 3:18	34.3	27.2	29.7	24.4	4 15				1.15	33.6	1.02	.92
1973	NO DATA							23.0	03 18				
1974	4 4 23:58	48.5	8.47	33.7	38.9	4 4				1.28	47.7	.85	1.35
1975	NO DATA							18.4	03 21				
1976	NO DATA							28.9	03 21				
1977	NO DATA							39.1	03 14				
1978	4 12 6:28	24.8	15.8	21.3	18.3	4 12				1.13	26.8	.92	1.27
1979	9 15 6:51	18.7	5.34	15.6	5.96	9 15				1.20	25.6	.73	1.52

02HC018 LYNDE CREEK NEAR WHITBY

DRAINAGE AREA 18.6 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1959-79

RECORDING GAUGE 1969-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1969	4 18 16:43	21.3	2.12	10.6	4.93	4 18		10.8	03 21	2.01	17.7	1.21	.88
1970	3 23 23:00	12.1	10.6	10.8	10.8	3 23				1.12	10.9	1.11	.14
1971	7 6 9:11	23.4	.298	7.05	1.20	7 6		15.7	04 02	3.32	13.4	1.75	.96
1972	4 13 11:57	25.8	14.6	20.7	13.5	4 13				1.25	27.4	.94	1.13
1973	NO DATA												
1974	NO DATA												
1975	NO DATA												
1976	3 21 7:13	38.6	9.28	22.7	4.64	3 21				1.35	38.5	.88	1.33
1977	3 13 10:30	32.6	4.25	18.6	4.93	3 13				1.75	32.6	1.00	1.00
1978	4 7 6:13	31.7	5.78	19.6	5.72	4 7				1.62	33.5	.95	1.07
1979	3 14 10:00	19.7	1.78	10.4	4.88	3 14		11.9	12 25	1.89	17.5	1.13	.87

02HA001 LYNHURST CREEK AT LYNHURST

DRAINAGE AREA UNKNOWN

REGULATED

PERIOD OF RECORD 1971-78

RECORDING GAUGE 1971-78

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1971	4 14 16:05	48.8	35.7	39.9	38.8	4 14				1.02	42.6	.96	1.49
1972	4 19 2:35	46.2	41.3	44.7	44.5	4 18	1			1.03	46.5	.99	1.89
1973	4 5 17:20	27.8	24.4	27.2	26.5	4 6	-1			1.02	29.8	.96	1.49
1974	4 5 6:00	48.1	31.7	45.6	38.5	4 5				1.05	56.1	.86	1.62
1975	3 23 21:45	27.7	26.0	27.2	26.8	3 23				1.02	28.1	.99	1.29
1976	3 28 9:00	37.1	34.8	36.2	34.0	3 28				1.02	38.8	.98	1.33
1977	3 15 15:07	48.2	37.7	39.4	38.2	3 15				1.02	48.9	.98	1.29
1978	4 6 7:56	28.9	27.6	28.6	27.5	4 6				1.01	29.7	.97	1.96

02GC008 LYNN RIVER AT STMCCE

DRAINAGE AREA 134 SQ KM REGULATED

PERIOD OF RECORD 1957-79

RECORDING GAUGE 1969-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1969	1 30 16:00	26.6	2.39	21.1	15.6	1 30				1.27	33.1	.81	1.36
1970	4 2 20:43	4.79	3.48	4.08	3.00	4 3	-1			1.17	4.92	.97	1.88
1971	2 27 19:55	20.1	3.23	12.2	8.47	2 27				1.65	18.6	1.08	.89
1972	3 2 4:19	24.9	5.15	20.1	5.64	3 2				1.24	34.8	.72	1.51
1973	3 17 18:13	9.60	6.94	7.31	5.21	3 18	-1	7.84	03 15	1.31	8.55	1.12	.78
1974	3 5 7:13	13.3	5.52	10.8	6.74	3 5				1.23	15.5	.86	1.38
1975	2 24 16:38	10.4	4.87	8.37	6.20	2 24				1.24	10.6	.98	1.84
1976	3 5 18:59	22.0	8.86	16.9	14.2	3 5				1.30	20.5	1.07	.85
1977	9 26 7:12	23.9	4.64	15.8	8.61	9 26				1.51	25.8	.96	1.06
1978	3 21 16:49	22.0	3.77	15.9	12.1	3 21				1.38	23.9	.92	1.13
1979	3 4 19:31	17.6	5.22	13.3	10.6	3 4				1.32	18.7	.94	1.11

02GF007 MACGREGOR CREEK NEAR CHATHAM

DRAINAGE AREA 202 SQ KM NATURAL FLOW

PERIOD OF RECORD 1977-79

RECORDING GAUGE 1978-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1978	3 21 23:26	76.2	3.51	60.0	58.8	3 21				1.27	89.2	.85	1.29
1979	4 14 9:02	114	23.3	108	30.6	4 14				1.14	173	.66	1.68

02FD005 MAD RIVER NEAR GLENCAIRN

DRAINAGE AREA 295 SQ KM

REGULATED

PERIOD OF RECORD 1963-79

RECORDING GAUGE 1967-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1967	7 1 1130	129	31.4	33.7	15.9	7 2	-1	34.5	04 03	3.83	43.8	2.95	.19
1968	3 31 2030	51.8	25.3	27.8	19.4	4 1	-1	32.6	02 02	1.92	31.7	1.64	.32
1969	5 18 2236	48.4	17.2	20.6	12.3	5 19	-1	32.0	04 10	2.35	26.5	1.83	.35
1970	4 21 1405	56.4	37.7	44.5	36.0	4 21				1.27	52.2	1.08	.78
1971	4 13 0644	37.9	29.2	35.1	25.1	4 13				1.08	43.1	.88	1.48
1972	4 18 2329	54.4	33.1	39.6	31.4	4 19	-1			1.37	47.8	1.16	.66
1973	4 2 0911	41.9	32.6	35.1	31.1	4 2				1.19	38.4	1.09	.65
1974	4 4 0502	54.9	11.9	42.5	25.7	4 4				1.29	66.2	.83	1.31
1975	4 19 0746	82.1	26.6	82.1	28.3	4 19				1.00	136	.60	2.08
1976	3 21 2101	104	50.4	67.1	28.1	3 21				1.55	94.9	1.10	.86
1977	3 13 0818	58.3	15.6	43.3	27.7	3 13				1.35	64.9	.90	1.18
1978	4 11 1830	37.7	12.2	22.4	22.3	4 11				1.68	27.6	1.37	.50
1979	3 25 0912	50.3	26.1	34.5	19.2	3 25		37.6	04 14	1.46	45.4	1.11	.81

02KD004 MADAWASKA RIVER AT PALMER RAPIDS

DRAINAGE AREA 5800 SQ KM

REGULATED

PERIOD OF RECORD 1930-79

RECORDING GAUGE 1973-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1973	4 5 1932	360	345	357	357	4 5				1.01	363	.99	1.33
1974	5 14 2003	374	365	371	368	5 17	-1			1.01	375	1.00	1.26
1975	4 29 2150	272	268	270	268	4 30	-1			1.01	272	1.00	1.08
1976	4 2 1822	371	323	362	362	4 2				1.02	381	.97	1.37
1977	12 10 2135	131	126	130	129	12 10				1.01	131	1.00	1.20
1978	4 27 1811	286	278	283	282	4 27				1.01	286	1.00	1.08
1979	4 3 2138	264	258	261	261	4 3				1.00	266	.99	1.56

02KF002 MADAWASKA RIVER NEAR ARNPRIOR

DRAINAGE AREA 8260 SQ KM REGULATED

PERIOD OF RECORD 1921-50

RECORDING GAUGE 1932-50

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1932	4 24 15:00	362	354	357	354	4 24				1.01	360	1.01	.75
1933	4 21 1:00	447	445	447	436	4 21				1.00	453	.99	2.00
1934	4 21 23:30	416	396	411	411	4 21				1.01	418	.99	1.20
1935	4 17 20:00	244	232	236	231	4 18	-1			1.03	240	1.01	.72
1936	5 11 16:00	430	425	428	428	5 11		428	05 29	1.00	429	1.00	.86
1937	5 8 19:20	362	354	360	360	5 9	-1			1.01	363	1.00	1.20
1938	4 3 22:00	419	408	419	413	4 3				1.00	427	.98	2.00
1939	5 2 13:00	430	425	428	428	5 2				1.00	429	1.00	.86
1940	5 31 23:00	365	351	360	351	6 1	-1			1.01	369	.99	1.29
1941	4 23 20:00	343	328	337	337	4 23				1.02	341	1.00	.86
1942	4 7 18:00	309	300	303	279	4 8	-1			1.02	316	.98	1.38
1943	5 14 9:00	629	609	623	614	5 14				1.01	634	.99	1.31
1944	5 16 1:00	207	155	193	136	5 16				1.07	240	.86	1.94
1945	3 29 4:00	306	240	294	271	3 29		297. C	40 3	1.04	332	.92	1.52
1946	4 1 7:00	238	186	234	212	4 1				1.02	269	.88	1.79
1947	5 6 22:00	476	470	476	476	5 6				1.00	479	.99	2.00
1948	5 24 14:00	269	223	268	268	5 24				1.00	290	.93	1.91
1949	NO DATA							246. C	40 1				
1950	NO DATA							309. C	42 2				

02EA011 MAGNETAWAN RIVER NEAR BRITT

DRAINAGE AREA 2850 SQ KM REGULATED

PERIOD OF RECORD 1973-79

RECORDING GAUGE 1974-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1974	4 19 19:39	249	244	249	248	4 19				1.00	252	.99	2.00
1975	5 2 17:00	255	254	255	253	4 30	2			1.00	256	.99	2.00
1976	4 4 10:56	331	326	328	326	4 4				1.01	330	1.00	.60
1977	4 4 19:29	227	225	226	222	4 5	-1			1.00	228	.99	1.43
1978	4 30 13:20	182	180	182	182	4 29	1			1.00	183	.99	2.00
1979	NO DATA							303	04 06				

02EA006 MAGNETAWAN RIVER NEAR BURKS FALLS

DRAINAGE AREA 650 SQ KM

REGULATED

PERIOD OF RECORD 1912-79

RECORDING GAUGE 1972-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1972	5 5 2131	60.0	59.9	60.0	59.2	5 5				1.00	61.8	.98	2.00
1973	4 5 22141	47.3	45.9	47.0	47.0	4 5				1.01	47.6	.99	1.29
1974	4 25 1139	54.1	52.4	53.8	53.8	4 24	1			1.01	54.5	.99	1.48
1975	5 2 20102	57.8	57.2	57.8	57.9	5 2				1.00	58.3	.99	2.00
1976	4 4 9110	80.7	79.3	80.4	79.6	4 4				1.00	81.3	.99	1.92
1977	NO DATA							59.5	04 02				
1978	5 1 7158	42.5	41.9	42.5	41.9	5 1				1.00	43.1	.99	2.00
1979	4 6 4109	48.9	48.1	48.7	47.5	4 6				1.00	49.6	.99	1.64

02PC003 MAGPIE RIVER NEAR MICHIPICOTEN

DRAINAGE AREA 1939 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1939-79

RECORDING GAUGE 1956-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/C2	PREDICTED PEAK QPP	QP/CPP	K
1956	5 17 99:99	142	126	135	130	5 17				1.05	141	1.01	.92
1957	4 29 5:30	242	232	233	227	4 29				1.04	236	1.02	.56
1958	4 24 16:00	103	100	101	100	4 25	-1			1.02	102	1.01	.67
1959	5 8 99:99	170	157	169	167	5 8				1.01	176	.97	1.75
1960	5 7 20:00	212	193	209	208	5 8	-1			1.01	217	.97	1.48
1961	5 18 17:00	129	112	120	118	5 18				1.04	125	1.03	.71
1962	5 6 23:00	127	119	120	118	5 6				1.06	121	1.05	.35
1963	4 22 11:15	86.4	56.9	77.6	42.5	4 22				1.11	105	.82	1.52
1964	5 11 1:30	212	201	203	193	5 11				1.04	209	1.01	.88
1965	5 9 5:00	135	129	129	129	5 6				1.05	129	1.05	0.00
1966	5 22 13:30	136	130	133	129	5 22				1.02	136	1.00	1.00
1967	4 18 23:30	154	138	150	150	4 18				1.03	156	.99	1.20
1968	7 20 20:00	261	169	249	247	7 20				1.05	298	.90	1.55
1969	5 9 20:00	116	116	117	116	5 9				1.01	116	1.00	1.00
1970	5 3 4:18	188	182	185	167	5 3				1.02	195	.96	1.56
1971	5 26 22:59	175	170	174	167	5 27	-1			1.01	179	.97	1.69
1972	5 3 7:58	136	131	135	129	5 3				1.01	140	.97	1.67
1973	5 12 6:46	177	173	176	167	5 12				1.01	183	.96	1.76
1974	5 6 22:20	175	170	174	173	5 5	1			1.01	176	.99	1.43
1975	5 8 1:22	238	233	234	215	5 8				1.02	244	.98	1.43
1976	4 24 7:17	309	300	306	289	4 24				1.01	317	.97	1.99
1977	4 24 15:22	180	177	179	174	4 24				1.01	182	.99	1.56
1978	5 17 5:37	121	115	119	115	5 17				1.02	123	.98	1.33
1979	5 12 1:47	381	370	371	341	5 12				1.03	386	.99	1.22

02FF005 MAITLAND RIVER ABOVE WINGHAM

DRAINAGE AREA 528 SQ KM

REGULATED

PERIOD OF RECORD 1953-79

RECORDING GAUGE 1963-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1963	3 28 0101	184	141	150	92.3	3 28				1.23	183	1.00	.99
1964	3 5 1910	53.8	36.0	41.9	30.3	3 6	-1			1.28	58.7	1.06	.85
1965	4 12 1600	88.3	62.0	82.1	59.2	4 12		82.1	02 11	1.08	183	.85	1.55
1966	12 8 1100	96.8	36.8	86.1	45.6	12 8				1.12	130	.74	1.62
1967	4 3 1700	105	60.3	88.9	49.6	4 3				1.18	122	.85	1.36
1968	2 2 2350	241	21.2	141	127	2 2				1.71	207	1.16	.88
1969	4 5 1613	129	41.3	110	76.5	4 5				1.17	161	.80	1.46
1970	4 14 2100	102	64.3	93.4	86.4	4 14				1.09	111	.92	1.39
1971	4 10 0830	84.7	59.5	75.6	60.2	4 10				1.12	91.3	.93	1.27
1972	4 15 1220	190	121	163	114	4 15				1.17	208	.91	1.26
1973	1 1 0900	82.7	41.6	71.1	38.8	1 1				1.16	181	.81	1.45
1974	5 17 1729	200	34.5	144	79.6	5 17				1.39	238	.87	1.22
1975	4 19 1541	374	66.0	286	105	4 19				1.31	485	.77	1.39
1976	3 21 1633	282	66.5	243	129	3 21				1.16	388	.73	1.58
1977	3 13 2218	311	70.8	224	211	3 13				1.39	307	1.01	.98
1978	4 12 0430	99.4	60.0	83.5	45.9	4 12				1.19	114	.87	1.32
1979	4 14 2132	222	31.1	185	130	4 14				1.20	289	.77	1.48

02FF002 MAITLAND RIVER BELOW WINGHAM

DRAINAGE AREA 1630 SQ KM

REGULATED

PERIOD OF RECORD 1953-79

RECORDING GAUGE 1967-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1967	3 31 3100	221	204	217	210	3 31				1.02	227	.97	1.43
1968	2 3 2300	490	309	416	275	2 3				1.18	540	.91	1.25
1969	4 5 1749	371	165	323	309	4 5				1.15	409	.91	1.28
1970	4 10 2135	276	163	267	245	4 10				1.03	338	.84	1.75
1971	4 13 1129	257	215	252	229	4 10				1.02	282	.91	1.71
1972	4 15 1543	388	337	374	306	4 15				1.04	426	.91	1.58
1973	1 1 0427	240	141	229	143	1 1				1.05	316	.76	1.78
1974	5 17 2200	394	289	303	159	5 18	-1	314	03 05	1.30	382	1.03	.93
1975	4 19 2010	776	195	626	541	4 19				1.24	884	.88	1.26
1976	3 21 2046	685	185	592	493	3 21				1.16	845	.81	1.46
1977	3 14 0416	739	541	680	521	3 14				1.09	829	.89	1.43
1978	4 12 0100	314	227	294	216	4 12				1.07	366	.86	1.57
1979	4 14 2113	565	439	441	235	4 15	-1	294	04 12	1.28	543	1.04	.90

02FF004 MAITLAND RIVER NEAR CONNAUGHT

DRAINAGE AREA 1761 SQ KM — REGULATED

PERIOD OF RECORD 1945-79

RECORDING GAUGE 1967-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	CD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1967	3 31 6:00	433	286	405	354	3 31				1.07	498	.88	1.98
1968	2 3 0:30	648	340	524	281	2 3				1.22	737	.87	1.38
1969	4 5 21:40	456	357	377	254	4 6	-1			1.21	448	1.02	.95
1970	4 11 2:46	286	146	265	259	4 10	1			1.08	327	.87	1.58
1971	4 18 17:00	257	204	251	233	4 18				1.02	283	.91	1.69
1972	4 15 19:32	413	351	396	337	4 15				1.04	448	.92	1.51
1973	1 1 8:14	248	136	236	165	1 1				1.05	321	.77	1.75
1974	5 18 18:54	416	277	354	191	5 18				1.18	474	.88	1.32
1975	4 19 22:48	816	612	643	340	4 20	-1			1.27	810	1.01	.98
1976	3 21 22:29	694	176	558	544	3 21				1.24	756	.92	1.19
1977	3 14 8:38	773	496	719	552	3 14				1.08	914	.85	1.57
1978	4 12 11:21	323	233	314	244	4 12				1.03	389	.83	1.79
1979	4 14 23:22	546	386	464	267	4 15	-1			1.18	601	.91	1.25

02HC037 MAJOR CREEK ABOVE GREEN RIVER

DRAINAGE AREA 4.92 SQ KM — NATURAL FLOW

PERIOD OF RECORD 1974-76

RECORDING GAUGE 1975-76

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	CD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1975	2 24 19:19	2.17	.535	1.29	.261	2 24				1.68	2.18	.99	1.01
1976	3 20 16:01	3.20	.871	1.10	.951	3 20				2.91	1.69	1.89	.44

05QA804 MARCHINGTON RIVER AT MCDOUGALL MILLS

DRAINAGE AREA 4740 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1961-79

RECORDING GAUGE 1968-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1968	6 15 20:00	185	182	183	182	6 16	-1			1.01	184	1.01	.67
1969	6 10 14:30	143	140	142	138	6 19				1.01	145	.99	1.98
1970	6 2 10:00	116	113	115	113	6 2				1.01	117	.99	1.33
1971	11 8 19:20	161	158	159	157	11 8				1.01	160	1.00	.86
1972	5 22 8:42	77.0	73.9	75.0	75.0	5 21	1			1.03	75.6	1.02	.43
1973	7 11 13:31	58.0	56.9	57.5	57.5	7 11				1.01	57.8	1.00	.75
1974	5 27 19:30	210	204	208	208	5 27				1.01	210	1.00	1.00
1975	5 16 11:50	96.7	93.4	94.6	94.0	5 16				1.02	95.5	1.01	.69
1976	4 26 14:15	96.0	93.4	94.6	94.3	4 26				1.01	95.3	1.01	.78
1977	NO DATA												
1978	6 10 8:04	143	140	141	139	6 9	1	141	06 07	1.01	142	1.00	.66
1979	5 19 15:51	101	99.0	99.5	97.6	5 20	-1			1.02	100	1.00	.89

04LA802 MATTAGAMI RIVER NEAR TIMMINS

DRAINAGE AREA 5540 SQ KM

REGULATED

PERIOD OF RECORD 1968-79

RECORDING GAUGE 1969-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1969	4 24 12:00	193	189	187	185	4 28				1.03	207	.93	1.54
1970	6 3 23:05	165	161	163	156	6 4	-1			1.01	167	.99	1.38
1971	5 28 21:52	250	246	248	237	5 29	-1			1.01	254	.98	1.53
1972	5 5 15:07	201	197	194	171	5 5				1.04	219	.92	1.56
1973	5 12 4:50	267	261	265	257	5 12				1.01	271	.99	1.58
1974	5 3 10:44	277	240	274	266	5 3				1.01	295	.94	1.75
1975	6 2 11:48	251	233	250	248	6 2				1.09	259	.97	1.81
1976	5 4 8:46	348	331	337	337	5 3	1			1.01	348	1.00	1.08
1977	NO DATA							345	04 29				
1978	NO DATA							281	05 15				
1979	NO DATA							396	05 09				

02JF020 MATTAWA RIVER BELOW BOUILLON LAKE

DRAINAGE AREA 932 SQ KM REGULATED

PERIOD OF RECORD 1971-79

RECORDING GAUGE 1972-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1972	5 4 9:25	112	110	112	106	5 4				1.00	116	.97	2.00
1973	4 5 6:00	78.4	76.5	77.6	75.1	4 5				1.01	79.5	.99	1.48
1974	4 24 16:40	88.1	85.0	87.8	84.1	4 24				1.00	91.1	.97	1.83
1975	4 29 21:59	75.9	75.0	75.6	75.1	4 29				1.00	76.1	1.00	1.20
1976	4 2 22:30	83.3	77.0	82.4	82.1	4 2				1.01	85.3	.98	1.52
1977	4 22 11:07	60.3	59.2	60.0	58.9	4 22				1.01	61.0	.99	1.52
1978	4 29 4:38	80.7	79.0	80.4	78.2	4 29				1.00	82.2	.98	1.71
1979	4 28 9:12	93.1	87.0	92.5	88.4	4 28				1.01	97.3	.96	1.78

02JF014 MATTAWA RIVER NEAR RUTHERGLEN

DRAINAGE AREA 2060 SQ KM REGULATED

PERIOD OF RECORD 1962-71

RECORDING GAUGE 1963-71

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1963	4 4 9:00	125	112	125	122	4 4				1.00	133	.94	2.00
1964	4 19 20:00	88.9	85.0	88.3	86.9	4 19				1.01	90.6	.98	1.59
1965	5 2 12:30	159	148	153	150	5 2				1.04	157	1.01	.80
1966	4 23 1:00	181	170	176	164	4 23				1.03	185	.98	1.29
1967	4 19 12:45	157	153	154	147	4 19				1.02	158	.99	1.14
1968	4 11 21:00	124	122	124	120	4 11				1.00	127	.98	2.00
1969	4 10 6:00	136	126	135	131	4 10				1.01	141	.96	1.73
1970	7 21 19:17	259	203	209	172	7 22	-1			1.24	230	1.12	.60
1971	4 23 23:32	174	167	172	170	4 23				1.01	175	.99	1.27

02GB018 MCKENZIE CREEK NEAR CALEDONIA

DRAINAGE AREA 171 SQ KM — REGULATED

PERIOD OF RECORD 1961-79

RECORDING GAUGE 1969-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1969	4 20 6:30	25.7	18.1	24.1	16.9	4 20		25.5	02 01	1.07	30.7	.84	1.61
1970	4 3 16:17	11.8	10.6	10.8	9.94	4 4	-1			1.09	11.3	1.04	.69
1971	NO DATA							25.5	03 01				
1972	NO DATA							19.8	03 17				
1973	3 16 4:55	20.1	16.4	19.3	19.3	3 15	1			1.04	28.8	.97	1.29
1974	1 28 21:30	20.6	19.0	20.8	18.6	1 28				1.03	21.2	.97	1.33
1975	3 21 11:39	16.4	13.3	14.8	11.8	3 21				1.11	17.8	.97	1.15
1976	3 7 7:07	32.6	26.6	36.8	18.4	3 7				1.09	37.5	.87	1.49
1977	12 17 20:30	21.3	17.1	20.5	19.9	12 17				1.04	22.5	.95	1.43
1978	3 23 10:56	43.3	34.0	41.1	35.1	3 23				1.05	47.7	.91	1.98
1979	NO DATA							26.0	03 05				

02LH013 MEACH (RUISSEAU) EN AVAL DU LAC CARMAN

DRAINAGE AREA 11.9 SQ KM — NATURAL FLOW

PERIOD OF RECORD 1978-77

RECORDING GAUGE 1972-77

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1972	5 2 7:10	2.09	2.06	2.08	2.06	5 2				1.00	2.10	1.00	1.33
1973	4 2 22:37	2.10	1.42	2.07	2.06	4 2				1.01	2.40	.00	1.03
1974	4 17 1:50	1.91	1.78	1.05	1.02	4 17				1.03	1.90	1.01	.91
1975	4 25 15:15	2.11	1.62	2.11	1.90	4 25				1.00	2.46	.06	2.00
1976	4 2 16:50	2.92	2.30	2.09	2.73	4 2				1.01	3.23	.91	1.04
1977	3 20 10:27	2.15	2.13	2.14	1.97	3 20				1.00	2.23	.96	1.00

02LH012 MEACH (RUISSEAU) SUR LE CHEMIN DES PINS

DRAINAGE AREA 84.7 SQ KM — NATURAL FLOW

PERIOD OF RECORD 1970-77

RECORDING GAUGE 1972-77

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1972	5 3 20:35	16.8	15.7	16.8	15.8	5 4	-1			1.05	16.3	1.03	.48
1973	4 2 19:10	15.1	7.73	13.9	13.9	4 2				1.09	17.8	.89	1.44
1974	4 18 19:10	12.5	11.3	12.1	11.6	4 18				1.03	12.8	.98	1.24
1975	4 25 20:00	14.5	12.6	14.8	13.4	4 25				1.04	15.8	.97	1.33
1976	4 1 10:06	23.4	20.1	20.2	17.7	4 2	-1			1.16	21.5	1.09	.58
1977	NO DATA							9.2	03 16				

02GD008 MEDWAY RIVER AT LONDON

DRAINAGE AREA 181 SQ KM — NATURAL FLOW

PERIOD OF RECORD 1945-79

RECORDING GAUGE 1971-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1971	3 16 4:42	43.6	18.7	37.1	23.6	3 16				1.18	53.1	.82	1.42
1972	5 18 2:00	50.1	7.14	26.9	8.33	5 18		32.8	0 32 2	1.86	46.1	1.09	.98
1973	3 12 2:06	57.2	28.2	36.2	17.8	3 12				1.58	53.8	1.06	.91
1974	3 5 18:41	66.8	29.2	47.8	28.4	3 5				1.48	69.2	.95	1.88
1975	4 19 12:35	81.3	18.1	46.4	21.4	4 19				1.75	77.1	1.06	.94
1976	3 5 22:48	118	35.1	69.1	55.8	3 5				1.71	92.7	1.27	.65
1977	3 13 8:59	146	71.9	104	49.3	3 13				1.40	147	.99	1.02
1978	4 1 23:07	94.6	50.1	64.0	48.8	4 2	-1			1.48	82.5	1.15	.75
1979	4 14 6:54	112	21.0	81.1	27.8	4 14				1.38	137	.81	1.29

02HC045 MICHELL CREEK BELOW CLAREMONT

DRAINAGE AREA 29.9 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1974-79

RECORDING GAUGE 1979-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1975	2 24 19:12	14.8	1.72	7.02	2.25	2 24				2.11	12.1	1.23	.79
1976	3 21 2:31	9.83	3.83	6.14	1.08	3 21				1.60	10.3	.96	1.06
1977	3 13 4:51	11.6	1.52	5.86	.988	3 13				1.98	10.5	1.11	.89
1978	5 14 12:57	11.8	.449	4.67	.892	5 14		5.52	04 07	2.53	8.69	1.36	.72
1979	3 14 4:42	9.64	.813	5.16	1.23	3 14		5.16	03 05	1.87	9.38	1.04	.96

02RD002 MICHIPICOTEN RIVER BELOW SCOT FALLS

DRAINAGE AREA 5360 SQ KM

REGULATED

PERIOD OF RECORD 1920-79

RECORDING GAUGE 1962-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1962	6 18 8:00	215	60.0	68.2	62.0	6 20	-2	164	05 04	3.15	79.4	2.65	.69
1963	6 20 21:00	130	98.3	112	106	6 21	-1			1.16	121	1.07	.71
1964	11 14 21:45	117	109	115	110	11 15	-1			1.02	120	.97	1.47
1965	10 12 13:45	259	144	144	142	10 10	2	144	10 06	1.80	145	1.79	.82
1966	5 23 14:00	306	251	294	254	5 23				1.04	335	.91	1.95
1967	5 4 8:30	253	242	243	238	5 5	-1			1.04	246	1.03	.46
1968	NO DATA							211	07 21				
1969	1 27 8:50	150	85.0	98.3	83.0	1 27		125	05 05	1.66	96.6	1.55	.19
1970	6 1 21:35	161	75.3	92.9	85.2	6 2	-1	117	05 01	1.73	105	1.53	.31
1971	6 5 2:54	230	214	223	223	6 5		223	05 31	1.03	227	1.01	.78
1972	1 3 19:23	221	65.4	73.9	73.3	1 5	-2	206	08 26	2.99	79.4	2.82	.86
1973	5 11 19:21	354	311	337	317	5 12	-1			1.05	360	.98	1.19
1974	6 27 14:22	188	93.7	98.5	94.3	6 26	1	167	05 03	1.83	182	1.75	.18
1975	5 6 19:06	175	164	178	165	5 6				1.03	175	1.00	1.05
1976	5 6 15:00	185	173	181	176	5 7	-1			1.02	187	.99	1.24
1977	4 19 14:20	157	86.1	110	100	4 20	-1	113	04 22	1.43	122	1.28	.43
1978	NO DATA							91.5	04 07				
1979	NO DATA							429	05 21				

02FE008 MIDDLE MAITLAND RIVER NEAR PELGRAVE

DRAINAGE AREA 649 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1967-79

RECORDING GAUGE 1968-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1968	2 4 2130	145	132	134	113	2 4				1.08	145	1.00	1.02
1969	4 6 3130	154	136	147	118	4 6				1.05	167	.92	1.48
1970	4 10 21100	154	94.6	145	135	4 10				1.06	175	.88	1.54
1971	NO DATA							116	04 10				
1972	4 14 22123	159	117	149	147	4 14				1.07	166	.96	1.26
1973	3 13 1150	89.8	73.3	81.0	61.2	3 13		87.2	01 01	1.11	94.7	.95	1.22
1974	3 5 20144	142	64.6	129	129	3 5		138	05 18	1.10	161	.88	1.42
1975	4 20 5101	251	224	237	160	4 20				1.06	282	.89	1.53
1976	3 22 1124	255	206	238	163	3 22				1.11	275	.93	1.29
1977	3 15 9140	306	278	282	210	3 15				1.09	320	.96	1.23
1978	4 8 3121	159	135	152	124	4 8				1.05	174	.91	1.53
1979	4 15 3103	188	156	173	118	4 15				1.09	209	.90	1.41

02FE003 MIDDLE MAITLAND RIVER NEAR LISTOWEL

DRAINAGE AREA 77.7 SQ KM

REGULATED

PERIOD OF RECORD 1953-79

RECORDING GAUGE 1966-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1966	12 7 5100	26.1	1.46	21.7	13.8	12 7				1.20	35.6	.73	1.52
1967	4 3 1130	32.8	7.59	17.2	4.62	4 3				1.91	28.3	1.16	.83
1968	2 2 12105	43.6	2.92	33.1	14.0	2 2				1.32	57.7	.76	1.40
1969	4 5 2149	34.8	12.5	26.0	10.8	4 5				1.34	48.4	.86	1.24
1970	4 9 18117	33.1	6.88	21.5	17.1	4 9				1.54	31.1	1.07	.98
1971	4 9 21100	26.8	11.6	16.5	15.1	4 9				1.62	19.7	1.36	.47
1972	4 14 20113	46.4	24.5	32.0	24.1	4 14				1.45	39.7	1.17	.78
1973	3 11 16158	26.2	11.8	12.3	5.10	3 12	-1			2.13	16.2	1.62	.43
1974	5 17 1157	49.6	8.13	27.9	5.78	5 17				1.84	47.8	1.05	.94
1975	4 19 4155	79.8	21.8	47.6	9.74	4 19				1.66	79.4	.99	1.81
1976	3 21 3107	69.1	22.7	42.2	8.92	3 21				1.64	68.6	1.01	.99
1977	3 13 9108	62.6	17.7	55.8	20.6	3 13				1.12	92.5	.68	1.69
1978	4 11 19112	29.7	7.19	22.8	13.0	4 11				1.30	35.5	.84	1.30
1979	4 14 2138	56.7	14.2	41.6	10.5	4 14				1.36	78.9	.88	1.32

02GG004 MIDDLE THAMES RIVER AT THAMESFORD

DRAINAGE AREA 306 SQ KM

REGULATED

PERIOD OF RECORD 1938-79

RECORDING GAUGE 1957-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1957	12 12 99:99	66.8	39.4	55.2	24.9	12 12				1.21	78.3	.85	1.33
1958	3 24 2:00	18.3	16.4	16.7	13.2	3 24				1.10	18.6	.98	1.89
1959	4 2 16:00	49.8	35.4	45.3	34.5	4 2				1.08	55.7	.88	1.47
1960	3 31 6:00	79.6	37.9	76.7	56.9	3 31				1.04	105	.75	1.82
1961	NO DATA							17.5	02 25				
1962	3 13 5:00	41.6	23.3	23.3	23.3	3 13		30.0	03 28	1.79	23.3	1.79	0.00
1963	3 25 21:30	81.6	20.4	60.3	60.3	3 25				1.35	80.3	1.02	.97
1964	12 25 19:00	34.0	4.22	26.2	22.0	12 25				1.21	43.3	.79	1.44
1965	2 10 21:00	164	13.7	84.1	70.9	2 10				1.95	126	1.30	.69
1966	12 7 20:00	86.7	5.41	69.7	59.5	12 7				1.24	106	.81	1.37
1967	4 3 9:30	84.7	23.0	64.8	25.9	4 3				1.32	103	.82	1.31
1968	2 2 13:30	192	29.7	154	61.7	2 2				1.25	262	.73	1.48
1969	1 30 22:70	92.9	41.1	63.7	26.6	1 31	-1			1.46	93.6	.99	1.01
1970	4 2 19:30	30.0	19.4	25.7	22.5	4 3	-1			1.17	30.5	.99	1.05
1971	5 2 11:40	71.9	18.7	61.2	37.1	4 2				1.17	94.5	.76	1.51
1972	3 22 17:02	63.1	15.6	45.3	31.1	3 22				1.39	67.3	.94	1.10
1973	3 11 23:51	89.8	41.1	59.2	25.4	3 12	-1			1.52	85.2	1.05	.92
1974	NO DATA							77.0	03 05				
1975	2 24 21:00	86.9	14.0	60.3	40.8	2 24				1.44	93.2	.93	1.11
1976	3 5 20:21	176	79.6	81.6	27.8	3 6	-1			2.16	109	1.61	.46
1977	3 13 8:13	175	66.3	144	56.9	3 13				1.22	226	.77	1.45
1978	4 1 22:26	104	52.7	71.6	39.9	4 2	-1			1.45	96.9	1.07	.88
1979	4 14 9:15	160	22.1	116	44.2	4 14				1.38	198	.80	1.31

02HM006 MILLHAVEN CREEK NEAR MILLHAVEN

DRAINAGE AREA 159 SQ KM

REGULATED

PERIOD OF RECORD 1968-79

RECORDING GAUGE 1971-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1971	4 7 20:30	16.2	12.5	13.6	13.3	4 7		15.1	04 10	1.19	14.3	1.13	.42
1972	NO DATA							25.5	04 14				
1973	4 5 4:48	13.3	10.6	12.2	10.0	4 5				1.09	14.1	.94	1.27
1974	NO DATA							15.5	04 05				
1975	NO DATA							15.3	03 20				
1976	NO DATA							18.4	03 22				
1977	3 13 13:10	20.3	8.21	15.6	14.9	3 13		15.9	03 16	1.30	20.1	1.01	.98
1978	NO DATA							16.1	04 02				
1979	NO DATA							15.3	03 06				

02MC033 MIMICO CREEK A ISLINGTON

DRAINAGE AREA 63.2 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1965-79

RECORDING GAUGE 1966-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1966	11 9 20:30	14.6	1.01	2.29	.470	11 10	-1	7.65	03 05	6.38	3.84	3.80	.22
1967	12 22 3:05	22.4	2.59	8.27	.875	12 22		9.63	04 03	2.71	14.8	1.51	.63
1968	8 22 23:00	56.9	4.04	11.4	2.29	8 23	-1	23.0	02 02	4.99	19.6	2.90	.31
1969	4 18 16:42	20.8	.578	12.5	3.34	4 18				1.66	23.8	.90	1.12
1970	8 30 19:44	51.5	.195	10.0	3.34	8 30				5.15	18.2	2.82	.33
1971	8 27 4:14	24.6	.246	6.97	1.46	8 27		10.6	02 27	3.53	13.1	1.88	.52
1972	7 15 17:42	16.4	1.64	3.26	1.19	7 15		10.3	12 13	5.03	5.11	3.21	.25
1973	NO DATA							10.9	03 17				
1974	5 16 22:19	49.8	6.85	18.9	1.19	5 17	-1	25.5	03 05	2.63	33.8	1.47	.65
1975	2 24 19:36	30.6	4.36	18.2	5.15	2 24				1.68	31.6	.97	1.04
1976	3 5 18:37	21.0	1.13	10.6	6.77	3 5		11.2	05 07	1.98	17.3	1.22	.78
1977	9 24 22:18	30.8	4.87	7.62	7.88	9 25	-1	11.4	03 13	3.94	9.27	3.24	.14
1978	1 26 9:48	16.4	.416	5.83	.858	1 26		10.3	09 18	2.81	11.8	1.49	.66
1979	12 25 16:28	29.8	9.65	20.8	2.71	12 25				1.39	35.4	.82	1.28

04LJ001 MISSINAIBI RIVER AT MATTICE

DRAINAGE AREA 8940 SQ KM . NATURAL FLOW

PERIOD OF RECORD 1920-79

RECORDING GAUGE 1959-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1959	5 7 23:00	1060	1000	1030	946	5 6	-1			1.03	1087	.98	1.31
1960	5 17 13:00	1200	1120	1190	1170	5 17				1.01	1235	.97	1.64
1961	5 17 6:00	923	855	912	852	5 17				1.01	970	.95	1.68
1962	5 6 8:00	799	680	779	762	5 6				1.03	837	.95	1.49
1963	6 22 22:00	606	527	595	586	6 22				1.02	633	.96	1.56
1964	5 1 7:00	983	951	977	923	5 1				1.01	1017	.97	1.74
1965	5 18 14:00	711	643	705	680	5 18				1.01	748	.95	1.76
1966	5 21 8:00	951	929	943	898	5 21				1.01	972	.98	1.57
1967	5 20 11:00	728	541	711	665	5 20				1.02	819	.89	1.73
1968	4 25 6:00	915	793	898	813	4 25				1.02	993	.92	1.70
1969	5 8 22:00	770	728	762	756	5 8				1.01	782	.98	1.43
1970	5 3 1:00	779	609	750	688	5 3				1.04	851	.91	1.56
1971	5 21 11:49	626	575	623	609	5 21				1.00	654	.96	1.82
1972	5 4 0:30	838	793	804	765	5 4				1.04	829	1.01	.85
1973	5 11 10:50	801	787	799	759	5 11				1.00	825	.97	1.86
1974	5 15 3:30	702	691	699	674	5 15				1.00	715	.98	1.69
1975	5 2 14:00	756	481	728	685	5 3	-1			1.04	873	.87	1.68
1976	4 21 5:04	1210	1040	1170	1120	4 21				1.03	1260	.96	1.38
1977	4 23 2:56	960	940	946	898	4 23				1.01	973	.99	1.32
1978	5 15 12:57	1040	872	1030	985	5 15				1.01	1131	.92	1.82
1979	5 12 22:55	1790	1730	1740	1590	5 12				1.03	1820	.98	1.23

04LM001 MISSINAIBI RIVER BELOW WABOOSE RIVER

DRAINAGE AREA 22900 SQ KM NATURAL FLOW

PERIOD OF RECORD 1972-79

RECORDING GAUGE 1973-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1973	4 24 1:18	1590	1520	1570	1470	4 24				1.01	1645	.97	1.58
1974	5 18 6:30	2020	1990	2010	1930	5 19				1.01	2040	.99	1.33
1975	NO DATA							1020	05 01				
1976	NO DATA							2350	04 23				
1977	4 24 17:36	2430	2240	2350	2330	4 24				1.03	2415	1.01	.98
1978	NO DATA							2150	05 16				
1979	NO DATA							2820	05 12				

02CC008 MISSISAGI RIVER AT MISSISAGI CHUTE

DRAINAGE AREA 9300 SQ KM

REGULATED

PERIOD OF RECORD 1961-79

RECORDING GAUGE 1961-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QO	DATE OF QO	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1961	6 29 3:00	368	276	283	242	6 27	1			1.30	307	1.20	.44
1962	5 6 6:30	530	436	513	450	5 6				1.03	583	.91	1.61
1963	NO DATA							240	04 22				
1964	4 30 14:30	524	464	510	504	4 30				1.03	536	.98	1.30
1965	NO DATA							561	05 05				
1966	4 26 6:00	547	534	544	515	4 26				1.01	561	.97	1.71
1967	5 6 6:00	714	697	711	711	5 5	1			1.00	718	.99	1.40
1968	4 15 22:00	447	374	433	374	4 16	-1	447	04 17	1.03	492	.91	1.62
1969	6 29 9:48	428	236	369	323	6 29				1.16	456	.94	1.19
1970	6 3 18:13	886	850	881	804	6 3				1.01	935	.95	1.83
1971	4 25 6:17	595	569	586	530	4 24	1			1.02	622	.96	1.60
1972	5 6 11:43	742	694	733	733	5 5	1			1.01	752	.99	1.37
1973	5 5 1:44	479	391	419	369	5 5				1.14	462	1.04	.84
1974	5 2 12:56	498	490	496	479	5 2				1.00	507	.98	1.70
1975	5 7 9:49	617	579	597	541	5 7				1.03	634	.97	1.30
1976	4 23 7:32	629	603	623	575	4 23				1.01	657	.96	1.70
1977	4 22 15:47	413	309	399	399	4 22				1.04	444	.93	1.53
1978	5 15 9:28	496	348	411	368	5 15		437	10 08	1.21	464	1.07	.77
1979	4 29 12:51	962	945	957	934	4 29				1.01	974	.99	1.56

02CB001 MISSISAGI RIVER BELOW AUBREY FALLS

DRAINAGE AREA 4040 SQ KM

REGULATED

PERIOD OF RECORD 1946-79

RECORDING GAUGE 1964-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1964	5 26 3:00	86.7	58.1	71.1	46.4	5 26		81.6	04 29	1.22	93.9	.92	1.19
1965	9 25 6:00	119	117	118	115	9 25				1.01	120	.99	1.33
1966	6 10 22:30	166	158	165	161	6 11	-1			1.01	170	.97	1.69
1967	3 5 6:00	119	101	117	104	3 5				1.02	131	.90	1.76
1968	NO DATA							87.5	01 20				
1969	12 23 21:12	328	68.5	123	72.5	12 23		143	10 24	2.67	175	1.87	.41
1970	7 6 20:57	309	9.17	139	80.7	7 6		178	07 01	2.38	215	1.44	.64
1971	1 6 19:37	306	49.8	161	148	1 4	2	186	01 29	1.90	223	1.37	.68
1972	NO DATA							178	09 05				
1973	NO DATA							152	01 08				
1974	NO DATA							163	03 08				
1975	NO DATA							152	06 23				
1976	NO DATA							168	05 21				
1977	NO DATA							138	11 04				
1978	NO DATA							188	10 10				
1979	NO DATA							345	05 01				

02HH002 MISSISAGUA RIVER BELOW MISSISSAGUA LAKE

DRAINAGE AREA 326 SQ KM

REGULATED

PERIOD OF RECORD 1972-79

RECORDING GAUGE 1972-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1972	6 26 14:44	26.4	22.4	26.1	25.7	6 25	1			1.01	28.2	.94	1.74
1973	4 5 8:43	32.0	31.1	31.7	30.9	4 5				1.01	32.4	.99	1.40
1974	4 19 19:10	29.7	26.8	29.2	28.3	4 20	-1			1.02	30.9	.96	1.53
1975	4 30 19:09	31.7	27.8	30.9	30.3	5 1	-1			1.03	32.8	.97	1.48
1976	4 2 9:14	23.3	18.3	21.6	17.8	4 1	1			1.08	25.2	.93	1.35
1977	12 29 11:30	13.8	10.0	13.4	12.6	12 30	-1			1.03	15.5	.89	1.68
1978	5 16 21:04	26.2	20.7	25.4	24.0	5 17	-1			1.03	28.7	.91	1.68
1979	4 7 5:30	25.5	24.4	24.9	24.7	4 7				1.02	25.3	1.01	.74

02KF006 MISSISSIPPI RIVER AT APPLETON

REGULATED

DRAINAGE AREA 2981 SQ KM

PERIOD OF RECORD 1918-79

RECORDING GAUGE 1960-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1960	4 22 22:00	228	219	227	222	4 22				1.00	233	.98	1.73
1961	4 23 16:00	67.1	66.3	66.8	63.7	4 23				1.00	68.6	.98	1.71
1962	4 17 10:25	78.4	78.4	78.4	77.6	4 17				1.00	78.8	.99	2.00
1963	4 7 4:00	113	111	112	111	4 7		78.4	04 15	1.01	113	1.00	1.00
1964	4 21 7:00	70.5	67.1	70.2	69.7	4 21				1.00	72.8	.98	1.71
1965	4 19 22:00	107	106	107	106	4 20	-1			1.01	108	.99	2.00
1966	3 25 19:00	73.6	68.5	72.8	71.9	3 25				1.01	75.4	.98	1.53
1967	4 9 23:30	97.4	94.9	96.8	96.3	4 8	1			1.01	98.8	.99	1.33
1968	4 4 14:30	157	152	155	152	4 4				1.01	158	.99	1.20
1969	5 2 17:00	164	161	162	160	5 2				1.01	163	1.00	.86
1970	4 25 3:00	169	165	167	164	4 25				1.01	169	1.00	1.11
1971	4 26 1:45	218	212	216	216	4 25	1			1.01	218	1.00	1.00
1972	4 25 9:59	195	193	194	194	4 25				1.01	194	1.00	.67
1973	3 21 21:30	191	186	189	188	3 21				1.01	191	1.00	1.00
1974	4 21 18:10	154	151	153	153	4 21				1.01	154	1.00	1.00
1975	4 26 8:00	181	178	181	180	4 26				1.00	183	.99	2.00
1976	4 5 23:42	238	234	236	235	4 5				1.01	237	1.00	.86
1977	3 21 12:00	121	119	120	118	3 21				1.01	121	1.00	1.20
1978	4 25 7:26	182	180	181	181	4 25				1.01	181	1.00	.67
1979	4 6 8:11	153	147	151	151	4 6		153	04 08	1.01	153	1.00	1.00

02HL101 MOIRA RIVER AT TWEED

REGULATED

DRAINAGE AREA 1770 SQ KM

PERIOD OF RECORD 1968-77

RECORDING GAUGE 1970-77

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1970	4 18 11:00	112	110	110	105	4 18				1.02	112	1.00	1.11
1971	NO DATA												
1972	4 20 12:30	277	264	275	257	4 20				1.01	289	.96	1.76
1973	3 19 11:01	309	266	303	289	3 19				1.02	328	.94	1.62
1974	4 6 4:30	244	210	236	206	4 6				1.03	264	.92	1.56
1975	4 21 18:00	294	242	261	237	4 22	-1			1.13	282	1.04	.79
1976	4 2 23:49	439	379	430	430	4 2		430	04 02	1.02	455	.96	1.48
1977	NO DATA							208	03 16				

02HL005 MOIRA RIVER NEAR DELORO

CRAINAGE AREA 308 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1965-79

RECORDING GAUGE 1966-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1966	12 10 23:59	27.8	24.5	26.4	26.2	12 10				1.02	27.5	.98	1.27
1967	4 5 3:30	26.3	24.5	25.2	25.0	4 4	1			1.04	25.7	1.03	.58
1968	3 31 2:30	25.6	25.1	25.3	24.5	3 31				1.01	25.8	.99	1.25
1969	5 20 5:40	34.3	27.5	32.8	28.9	5 20				1.05	37.4	.92	1.51
1970	4 18 19:19	22.6	21.8	22.4	22.1	4 18				1.01	22.9	.99	1.38
1971	4 21 3:50	30.9	30.3	30.6	29.4	4 21				1.01	31.4	.99	1.43
1972	4 20 5:32	40.5	38.5	40.2	38.8	4 20				1.01	41.8	.97	1.68
1973	3 18 23:30	36.8	30.6	37.1	35.7	3 18				1.05	41.1	.95	1.40
1974	4 7 15:17	31.4	29.2	31.4	29.7	4 7				1.00	33.4	.94	2.88
1975	4 20 22:03	42.8	41.1	41.9	39.9	4 21	-1			1.02	43.3	.99	1.22
1976	4 2 22:16	50.4	45.9	49.6	49.0	4 2				1.02	51.8	.97	1.46
1977	3 16 23:50	29.2	22.9	27.7	26.6	3 16				1.05	30.7	.95	1.33
1978	4 2 11:55	40.2	36.8	39.6	36.2	4 2				1.02	42.4	.95	1.65
1979	3 26 3:49	43.5	38.8	42.8	38.4	3 26				1.02	48.8	.91	1.76

02HL001 MOIRA RIVER NEAR FOXBORO

DRAINAGE AREA 2620 SQ KM

REGULATED

PERIOD OF RECORD 1915-79

RECORDING GAUGE 1957-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	CD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1957	12 27 19:00	114	108	113	112	12 27				1.01	116	.98	1.58
1958	4 3 15:00	140	138	140	139	4 3				1.00	141	.99	2.00
1959	4 9 6:00	249	244	247	242	4 9				1.01	251	.99	1.33
1960	4 9 5:00	286	279	286	281	4 9				1.00	292	.98	2.00
1961	5 22 12:00	83.3	77.6	82.4	81.0	5 22		82.4	05 22	1.01	85.5	.97	1.55
1962	4 2 1:00	188	183	185	172	4 2				1.02	192	.98	1.43
1963	4 2 22:00	214	193	212	210	4 2				1.01	222	.96	1.68
1964	4 17 7:00	92.9	90.0	92.0	91.7	4 17				1.01	93.1	1.00	1.12
1965	4 16 1:00	221	216	219	214	4 16				1.01	223	.99	1.33
1966	12 12 22:30	163	150	160	159	12 12				1.02	165	.98	1.29
1967	4 5 20:00	167	162	165	163	4 5				1.01	167	1.00	1.11
1968	3 31 14:00	154	150	152	150	3 31				1.01	154	1.00	1.00
1969	5 22 9:47	193	176	191	182	5 22				1.01	203	.95	1.71
1970	4 13 3:46	129	126	129	126	4 13				1.00	132	.98	2.00
1971	4 16 11:45	250	246	249	244	4 16				1.00	253	.99	1.68
1972	4 21 8:11	266	257	263	255	4 21				1.01	270	.99	1.40
1973	3 29 19:30	253	243	251	243	3 20				1.01	259	.98	1.60
1974	4 8 3:57	215	187	212	211	4 7	1			1.01	225	.96	1.63
1975	4 23 6:47	220	214	219	211	4 23				1.00	225	.98	1.73
1976	4 3 22:04	343	334	343	340	4 3				1.00	349	.98	2.00
1977	3 17 23:55	206	203	204	191	3 18	-1			1.01	211	.98	1.56
1978	4 24 1:25	214	210	213	203	4 24		213	04 24	1.00	219	.97	1.73
1979	3 28 0:42	233	228	229	217	3 28				1.02	235	.99	1.24

02HL104 MOIRA RIVER NEAR THOMASBURG

DRAINAGE AREA 2210 SQ KM

REGULATED

PERIOD OF RECORD 1969-70

RECORDING GAUGE 1970-70

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1970	4 18 4:00	116	112	114	114	4 17	1			1.02	115	1.01	.67

02JD089 MONTREAL RIVER AT MOUNTAIN CHUTES

DRAINAGE AREA 4389 SQ KM

REGULATED

PERIOD OF RECORD 1968-79

RECORDING GAUGE 1969-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1969	4 21 21:00	354	264	311	223	4 22	-1			1.14	378	.94	1.22
1970	5 4 3:00	218	207	209	202	5 4				1.00	213	.98	1.04
1971	5 6 10:40	188	188	188	185	5 6				1.00	189	.99	2.00
1972	5 11 9:11	251	245	247	241	5 11		247	05 09	1.02	251	1.00	1.00
1973	5 6 9:27	213	204	212	205	5 6				1.00	219	.97	1.76
1974	5 4 6:49	323	311	320	306	5 4				1.01	331	.97	1.59
1975	5 7 21:16	245	244	245	239	5 8	-1			1.00	248	.99	2.00
1976	4 24 10:35	405	402	405	394	4 24				1.00	412	.98	2.00
1977	4 24 16:15	396	388	394	382	4 24				1.01	403	.98	1.64
1978	5 16 0:30	254	252	253	245	5 16				1.00	257	.99	1.64
1979	4 28 13:53	522	458	517	504	4 28				1.01	554	.94	1.76

02FB011 MOON RIVER AT HIGHWAY NO.69

DRAINAGE AREA UNKNOWN

REGULATED

PERIOD OF RECORD 1965-79

RECORDING GAUGE 1966-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1966	12 10 21:00	251	243	244	239	12 11	-1			1.03	247	1.02	.68
1967	11 7 12:45	199	196	198	195	11 7				1.01	200	.99	1.43
1968	4 8 13:00	120	117	118	112	4 8				1.02	121	.99	1.27
1969	5 24 13:16	168	146	152	142	5 24				1.05	168	1.00	1.00
1970	4 27 13:54	145	136	143	108	4 27				1.01	164	.88	1.83
1971	4 29 1:04	198	194	197	192	4 28	1			1.01	201	.99	1.68
1972	4 27 6:53	156	150	154	152	4 26	1			1.01	157	.99	1.28
1973	4 9 17:22	213	195	197	193	4 9				1.08	200	1.07	.32
1974	4 23 9:44	183	169	176	173	4 22	1			1.04	181	1.01	.83
1975	5 6 2:34	161	158	160	160	5 5	1			1.01	161	1.00	1.00
1976	4 11 11:55	252	244	250	244	4 11				1.01	256	.98	1.58
1977	4 5 19:04	158	149	156	156	4 6	-1			1.01	159	.99	1.27
1978	5 2 9:22	113	112	113	99.7	5 1	1			1.00	120	.94	2.00
1979	4 6 23:18	226	220	224	223	4 7	-1			1.01	226	1.00	1.11

04LG002 MOOSE RIVER AT MOOSE RIVER

REGULATED

DRAINAGE AREA 6110J SQ KM

PERIOD OF RECORD 1959-79

RECORDING GAUGE 1960-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1960	5 18 01	7080	6990	7080	7080	5 17	1			1.00	7125	.99	2.00
1961	5 18 4:00	4930	4670	4900	4590	5 18				1.01	5170	.95	1.00
1962	5 7 9:00	4790	4580	4700	4590	5 7				1.02	4855	.99	1.27
1963	5 26 13:00	2940	2740	2920	2780	5 26				1.01	3080	.95	1.70
1964	5 2 3:00	6630	6290	6540	6460	5 1	1			1.01	6705	.99	1.29
1965	5 9 16:00	4980	4670	4760	4560	5 10	-1			1.05	4905	1.02	.79
1966	4 27 19:00	5470	4250	5040	4760	4 27				1.09	5575	.98	1.11
1967	5 9 16:00	6000	5800	5890	5520	5 10	-1			1.02	6120	.98	1.35
1968	4 19 16:00	5320	3850	5300	5210	4 19				1.00	6870	.88	1.95
1969	5 9 12:00	4790	4560	4790	4560	5 9				1.00	5020	.95	2.00
1970	5 6 01:01	3770	2120	3680	3340	5 6				1.02	4630	.81	1.83
1971	4 28 23:00	3000	1840	3170	3060	4 26	2	3540	05 17	1.22	3890	1.00	1.01
1972	5 8 01:01	4640	4280	4470	4160	5 8				1.04	4720	.98	1.19
1973	5 13 9:55	4330	3880	4110	3740	5 13				1.05	4410	.98	1.15
1974	5 15 15:30	4790	4560	4640	4640	5 15				1.03	4680	1.02	.42
1975	5 3 10:00	4580	3940	4450	3360	5 3				1.01	5250	.86	1.00
1976	NO DATA							6710	04 23				
1977	4 23 21:04	6890	5690	5970	5860	4 24	-1			1.02	6065	1.00	.00
1978	5 16 7:55	6433	6170	6400	6060	5 16				1.00	6685	.96	1.01
1979	5 12 6:13	8330	7740	8270	8130	5 12				1.01	8605	.97	1.70

02GB011 MOUNT PLEASANT CREEK NEAR BURTCH

NATURAL FLOW

DRAINAGE AREA 29.0 SQ KM

PERIOD OF RECORD 1964-76

RECORDING GAUGE 1973-76

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1973	3 17 12:42	2.08	1.86	1.38	.946	3 17		1.48	03 14	1.51	1.76	1.18	.78
1974	1 27 5:24	4.70	1.19	2.45	1.09	1 27				1.92	3.76	1.25	.74
1975	3 19 19:19	3.77	1.16	1.88	1.33	3 19		2.08	02 24	2.01	2.52	1.50	.50
1976	3 5 15:48	8.41	.923	3.82	1.75	3 5				2.20	6.38	1.33	.78

02EB012 MUSKOKA RIVER AT HIGHWAY NO.69

DRAINAGE AREA UNKNOWN

REGULATED

PERIOD OF RECORD 1965-79

RECORDING GAUGE 1968-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1968	2 5 3:00	108	106	108	106	2 5				1.00	110	.98	2.00
1969	4 13 9:42	144	136	139	116	4 13				1.04	152	.95	1.44
1970	4 30 13:45	125	118	123	103	4 30				1.02	135	.92	1.72
1971	5 4 20:18	123	116	119	114	5 4		121	05 07	1.05	122	1.02	.67
1972	5 17 23:23	131	96.6	99.1	98.8	5 17		110	03 28	1.32	101	1.29	.14
1973	5 4 17:22	138	128	134	133	5 4		137	05 11	1.03	137	1.00	.93
1974	5 3 16:01	145	138	136	131	5 3		137	05 06	1.07	141	1.02	.76
1975	5 8 11:49	139	124	135	125	5 8				1.03	145	.96	1.45
1976	4 8 16:56	110	106	109	109	4 8				1.01	110	1.00	1.28
1977	3 14 22:26	123	111	121	117	3 14				1.02	128	.96	1.96
1978	5 17 11:40	125	119	122	114	5 17				1.02	127	.98	1.29
1979	2 12 21:21	129	92.8	136	93.9	2 12		110	12 26	1.22	118	1.09	.71

02KC015 MUSKRAT RIVER NEAR PEMBROKE

DRAINAGE APEA 668 SQ KM

REGULATED

PERIOD OF RECORD 1969-78

RECORDING GAUGE 1970-78

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1970	NO DATA							28.6	04 21				
1971	4 21 22:20	51.3	46.1	49.0	48.1	4 22	-1			1.05	49.9	1.03	.96
1972	NO DATA							48.7	04 25				
1973	NO DATA							51.0	04 05				
1974	NO DATA							38.5	04 17				
1975	NO DATA							34.8	04 24				
1976	NO DATA							51.0	04 03				
1977	4 5 16:30	26.8	23.8	24.9	23.3	4 5				1.08	26.3	1.02	.83
1978	4 21 4:25	52.4	49.3	51.8	51.0	4 21				1.01	53.5	.98	1.47

04JF002 NAGAGAMI RIVER AT HIGHWAY NO.11

DRAINAGE AREA 2410 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1950-79

RECORDING GAUGE 1966-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1966	5 26 14:00	199	196	197	195	5 26				1.01	198	1.00	.86
1967	NO DATA							166	05 27				
1968	NO DATA							106	05 01				
1969	5 8 7:00	135	127	134	132	5 8				1.01	138	.97	1.64
1970	5 8 19:50	83.3	66.5	82.7	82.4	5 8				1.01	90.9	.92	1.06
1971	5 30 2:30	90.3	96.8	90.0	97.4	5 30				1.00	90.9	.99	1.50
1972	5 14 1:34	106	103	106	104	5 14				1.00	108	.98	2.00
1973	5 16 11:20	101	96.6	100	99.4	5 16				1.01	101	.99	1.33
1974	5 22 15:17	138	136	137	135	5 22				1.01	136	1.00	1.20
1975	5 12 0:50	91.2	90.0	90.6	90.2	5 12				1.01	91.2	1.00	1.00
1976	5 1 19:43	107	104	106	106	5 1				1.01	107	1.00	1.00
1977	5 1 16:25	135	129	134	132	5 1				1.01	137	.98	1.56
1978	5 18 6:22	119	116	118	118	5 17	1			1.01	119	1.00	1.00
1979	5 20 8:37	166	159	165	161	5 20				1.01	170	.98	1.67

05PA006 NAHAKAN RIVER AT OUTLET OF LAC LA CROIX

DRAINAGE AREA 13400 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1921-79

RECORDING GAUGE 1963-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1963	6 29 18:00	187	185	186	185	6 29				1.01	187	1.00	1.00
1964	7 9 19:30	345	340	343	343	7 9				1.01	344	1.00	.06
1965	6 2 6:40	422	419	419	419	6 2		419		1.01	419	1.01	0.00
1966	5 30 18:00	464	462	462	462	5 30		462		1.00	462	1.00	0.00
1967	5 18 2:00	345	343	343	340	5 17	1	343	05 14	1.01	344	1.00	.06
1968	6 26 18:00	566	558	564	564	6 25	1			1.00	567	1.00	1.20
1969	5 15 3:45	433	425	425	425	5 15		428	05 12	1.02	425	1.02	0.00
1970	6 20 19:50	464	459	462	459	6 20				1.00	465	1.00	1.20
1971	5 13 17:15	362	360	360	360	5 13		360	05 10	1.01	360	1.01	0.00
1972	5 24 14:00	365	362	365	360	5 24				1.00	369	.99	2.00
1973	10 28 16:00	239	236	236	236	10 28		336	10 27	1.01	236	1.01	0.00
1974	6 21 18:00	382	379	382	382	6 22	-1			1.00	383	1.00	2.00
1975	5 23 14:06	314	311	311	309	5 23		311	05 22	1.01	312	1.01	.50
1976	5 7 15:00	362	360	362	362	5 7				1.00	363	1.00	2.00
1977	9 28 18:00	450	447	450	450	9 28				1.00	451	1.00	2.00
1978	6 14 14:22	357	354	357	357	6 14				1.00	358	1.00	2.00
1979	5 25 16:48	433	430	431	431	5 25				1.00	431	1.00	.40

02GC022 NANTICOKE CREEK AT NANTICOKE

DRAINAGE AREA 181 SQ KM

REGULATED

PERIOD OF RECORD 1969-79

RECORDING GAUGE 1978-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1970	12 4 14:23	12.3	2.79	11.7	8.38	12 4				1.05	17.8	.69	1.02
1971	3 16 4:00	15.6	11.5	13.7	6.88	3 16		15.3	02 28	1.14	18.2	.86	1.41
1972	4 16 18:48	17.6	10.4	13.3	6.74	4 17	-1	14.2	03 16	1.32	18.8	.98	1.05
1973	3 15 4:30	23.6	14.2	19.4	10.3	3 15				1.22	26.6	.89	1.26
1974	2 22 8:13	26.3	4.93	18.3	12.5	2 22		22.1	03 05	1.44	27.9	.94	1.09
1975	3 24 18:50	22.2	11.6	12.6	5.72	3 25	-1	16.2	02 24	1.76	16.5	1.34	.58
1976	3 5 16:49	58.7	17.8	31.4	29.4	3 5				1.61	39.2	1.29	.58
1977	9 26 8:51	60.8	12.2	36.8	30.8	9 26				1.67	58.9	1.18	.77
1978	NO DATA							21.3	03 21				
1979	8 7 22:44	28.8	3.18	5.29	1.16	8 8	-1	22.8	03 05	5.44	8.41	3.42	.23

02HM007 NAPANEE RIVER AT CAMDEN EAST

DRAINAGE AREA 694 SQ KM

REGULATED

PERIOD OF RECORD 1974-79

RECORDING GAUGE 1974-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1974	4 7 17:00	51.5	49.3	51.0	50.1	4 7				1.01	52.3	.98	1.44
1975	3 27 11:05	49.0	43.0	45.9	45.3	3 25	2	45.9	03 25	1.07	47.7	1.03	.72
1976	4 1 14:06	77.9	71.4	76.5	75.6	4 1				1.02	79.5	.98	1.36
1977	3 17 8:45	45.0	44.2	44.5	43.9	3 17				1.01	45.0	1.00	.95
1978	4 14 10:46	53.0	53.0	53.5	53.5	4 13	1			1.01	53.0	1.00	.91
1979	3 26 12:09	44.1	43.4	43.9	42.0	3 26				1.00	44.7	.99	1.60

02HM001 NAPANEE RIVER NEAR NAPANEE

DRAINAGE AREA 777 SQ KM

REGULATED

PERIOD OF RECORD 1915-74

RECORDING GAUGE 1956-74

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1956	4 4 22:00	92.9	67.1	68.4	51.8	4 5	-1	87.8	04 16	1.35	78.2	1.19	.56
1957	2 27 3:00	50.4	24.4	26.1	9.06	2 27				1.93	35.5	1.42	.56
1958	3 31 12:00	44.7	43.6	44.5	43.6	3 31				1.00	45.4	.98	1.64
1959	4 2 10:30	101	51.5	83.3	73.9	4 2				1.21	103	.97	1.00
1960	4 4 4:30	98.0	55.0	84.7	75.3	4 4				1.06	103	.87	1.57
1961	4 17 5:00	30.0	26.4	29.4	27.4	4 17				1.02	31.9	.94	1.61
1962	3 30 3:00	58.9	52.4	57.2	54.1	3 30				1.03	61.2	.96	1.40
1963	3 27 1:00	62.3	34.0	55.5	43.0	3 27				1.12	72.5	.86	1.43
1964	4 15 14:00	31.7	30.0	31.4	30.9	4 15				1.01	32.4	.98	1.92
1965	4 16 20:00	48.7	47.0	47.9	47.0	4 17	-1			1.02	48.0	1.00	1.06
1966	NO DATA							36.2	12 20				
1967	4 3 0:00	51.5	41.3	49.0	44.7	40 30				1.03	56.6	.91	1.60
1968	9 12 4:00	53.0	16.0	41.9	19.3	9 12		44.2	03 23	1.26	66.2	.80	1.37
1969	3 25 0:00	67.7	32.3	61.7	53.5	3 25				1.10	00.5	.04	1.52
1970	4 9 12:15	43.9	41.6	43.6	43.6	4 9				1.01	44.6	.98	1.54
1971	4 14 5:45	76.7	71.9	75.3	72.0	4 14				1.02	70.3	.98	1.36
1972	4 16 3:40	74.0	60.2	72.5	60.5	4 16				1.03	76.7	.98	1.29
1973	3 17 22:36	69.9	55.5	62.9	53.2	3 18	-1			1.11	71.5	.98	1.10
1974	NO DATA												

02AH008 NEEPING RIVER NEAR THUNDER BAY

DRAINAGE AREA 187 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1942-79

RECORDING GAUGE 1954-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1954	5 2 0130	52.4	30.9	38.2	14.5	5 2				1.37	53.7	.98	1.84
1955	NO DATA							18.8	04 11				
1956	NO DATA							19.1	04 21				
1957	4 25 1400	36.8	33.4	34.3	26.9	4 25				1.07	38.5	.96	1.25
1958	11 19 1100	7.53	1.44	6.80	6.51	11 18	1			1.11	9.63	.78	1.59
1959	5 22 1030	8.75	6.82	8.44	6.48	5 22				1.04	10.2	.86	1.78
1960	NO DATA							21.0	04 15				
1961	NO DATA							9.66	04 22				
1962	NO DATA							10.5	04 29				
1963	NO DATA							22.8	06 11				
1964	NO DATA							29.2	05 07				
1965	10 1 1200	25.5	10.3	24.4	17.0	10 1				1.05	35.2	.73	1.81
1966	4 16 2350	26.9	17.4	23.7	23.7	4 16				1.14	26.9	1.00	.99
1967	NO DATA							16.5	04 17				
1968	7 16 1830	73.6	8.24	49.3	35.1	7 16				1.49	76.9	.96	1.86
1969	NO DATA							33.4	04 14				
1970	4 30 2130	26.4	24.6	25.7	22.9	4 30				1.03	27.7	.95	1.47
1971	5 25 1123	74.8	44.7	64.6	37.4	5 25				1.16	88.1	.85	1.48
1972	4 27 1134	32.3	26.1	27.2	27.9	4 28	-1	27.9	04 29	1.19	27.4	1.18	.88
1973	8 20 4147	40.5	18.0	33.1	11.4	8 20				1.22	51.5	.79	1.43
1974	4 17 2222	31.4	24.9	27.5	21.9	4 18	-1			1.14	31.6	.99	1.83
1975	NO DATA							17.5	04 18				
1976	4 17 5100	55.8	40.5	45.3	25.9	4 17				1.23	57.4	.97	1.87
1977	9 9 1130	74.2	9.34	59.5	45.3	9 9		60.0	09 25	1.25	91.7	.81	1.37
1978	NO DATA												
1979	5 11 7130	44.3	28.3	41.6	24.9	5 11				1.06	56.7	.78	1.78

02GA039 NITH RIVER ABOVE NITHBURG

DRAINAGE AREA 376 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1972-79

RECORDING GAUGE 1972-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1972	4 17 [illegible]106	142	47.9	99.8	37.9	4 17		112	04 13	1.58	136	1.04	.95
1973	[illegible] 11 19102	141	17.3	68.0	57.2	3 11				2.07	98.7	1.43	.99
1974	5 17 5156	202	40.8	121	19.3	5 17				1.67	211	.95	1.06
1975	4 19 4107	289	75.3	164	31.1	4 19				1.76	274	1.05	.94
1976	[illegible] 21 2100	262	101	178	34.8	3 21				1.47	288	.91	1.13
1977	[illegible] 13 8115	226	112	196	86.1	3 13				1.15	292	.77	1.53
1978	4 11 14110	135	39.1	119	67.7	4 11				1.13	184	.73	1.61
1979	4 14 4157	279	54.3	182	42.2	4 14				1.53	315	.88	1.16

02GA018 NITH RIVER AT NEW HAMBURG

DRAINAGE AREA 552 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1950-79

RECORDING GAUGE 1951-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	CD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1951	3 31 1145	158	75.3	98.8	88.3	3 30	1			1.60	115	1.36	.45
1952	3 22 4800	103	42.8	81.8	77.9	3 21	1	90.3	04 01	1.26	183	1.88	1.81
1953	NO DATA							96.0	06 17				
1954	10 16 1155	340	58.9	232	72.8	10 16				1.47	398	.85	1.21
1955	NO DATA							92.0	04 02				
1956	4 4 2355	217	66.5	183	153	4 4		189	05 12	1.19	256	.85	1.37
1957	NO DATA							154	12 21				
1958	NO DATA							65.1	03 28				
1959	4 6 0800	178	114	144	94.3	4 6				1.18	183	.92	1.21
1960	4 4 0830	250	149	202	82.1	4 4				1.24	288	.87	1.29
1961	2 25 4800	69.9	60.0	61.7	36.2	2 25				1.13	75.3	.93	1.25
1962	3 30 1800	199	126	155	56.1	3 30				1.28	218	.91	1.18
1963	3 26 1000	261	41.1	213	162	3 26				1.23	324	.80	1.48
1964	NO DATA							76.5	04 07				
1965	2 11 0615	270	56.6	161	47.9	2 11				1.68	269	1.00	1.00
1966	12 7 2200	221	118	126	37.9	12 8	-1			1.75	174	1.27	.67
1967	4 3 1230	334	45.9	211	35.7	4 3				1.58	381	.88	1.16
1968	2 2 1800	280	138	146	48.7	2 3	-1			1.92	198	1.41	.56
1969	4 5 1523	197	49.8	144	71.9	4 5				1.37	227	.87	1.22
1970	4 9 1217	126	53.2	107	87.8	4 9				1.18	143	.88	1.32
1971	4 10 0842	104	72.5	85.8	57.8	4 10				1.21	106	.98	1.06
1972	4 13 2324	178	84.1	144	143	4 13				1.24	174	1.02	.94
1973	3 12 7800	193	55.4	133	44.7	3 12				1.45	215	.90	1.16
1974	3 5 1359	311	123	196	84.4	3 5		198	05 17	1.59	288	1.08	.89
1975	4 19 1424	453	91.2	303	98.5	4 19				1.50	511	.89	1.16
1976	3 21 1531	323	98.8	266	92.3	3 21				1.21	436	.74	1.58
1977	3 13 1415	362	92.3	258	192	3 13				1.40	373	.97	1.05
1978	4 11 2322	199	135	139	73.9	4 12	-1			1.43	173	1.15	.73
1979	4 14 1946	388	45.1	266	128	4 14				1.46	445	.87	1.19

02GA010 NITH RIVER NEAR CANNING

DRAINAGE AREA 1339 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1913-79

RECORDING GAUGE 1948-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1948	3 21 3:00	422	251	297	123	3 21				1.42	407	1.04	.94
1949	NO DATA							174	03 24				
1950	4 5 12:00	357	182	328	85.5	4 5				1.09	522	.68	1.74
1951	NO DATA							161	03 31				
1952	NO DATA							110	03 22				
1953	NO DATA							88.6	06 18				
1954	10 17 11:00	428	142	328	69.4	10 17				1.30	550	.78	1.38
1955	NO DATA							201	03 12				
1956	4 5 24:00	267	110	229	163	4 5				1.17	321	.83	1.42
1957	12 22 11:00	179	123	142	36.8	12 22				1.26	204	.88	1.25
1958	NO DATA							56.1	03 28				
1959	NO DATA							170	04 03				
1960	4 5 7:00	289	232	248	96.0	4 5				1.17	332	.87	1.34
1961	2 23 23:30	184	77.6	82.7	68.2	2 25	-2			2.22	94.5	1.95	.21
1962	3 31 10:00	207	147	167	49.3	3 31				1.24	235	.88	1.27
1963	3 27 12:00	292	122	243	205	3 27				1.20	322	.91	1.24
1964	12 26 15:00	91.7	14.2	64.0	33.1	12 26		72.5	04 08	1.43	104	.88	1.19
1965	2 11 22:30	354	56.6	237	188	2 11				1.49	351	1.01	.99
1966	12 9 1:00	228	41.9	152	139	12 8	1			1.50	215	1.06	.91
1967	4 4 12:00	294	96.8	211	39.6	4 4				1.39	353	.83	1.26
1968	NO DATA							156	02 03				
1969	4 6 16:00	199	89.8	166	64.5	4 6				1.20	252	.79	1.45
1970	4 10 13:07	144	74.5	129	89.5	4 10				1.12	176	.82	1.52
1971	4 4 4:13	121	78.4	115	107	4 3	1			1.05	137	.88	1.58
1972	4 14 22:18	208	126	187	171	4 14				1.11	225	.92	1.29
1973	3 13 8:34	203	127	149	62.9	3 13				1.36	203	1.00	1.00
1974	3 6 13:38	275	192	248	104	3 6				1.15	332	.83	1.45
1975	4 20 14:38	419	133	328	102	4 20				1.31	522	.80	1.34
1976	3 22 12:46	314	153	277	88.3	3 22				1.13	433	.72	1.62
1977	3 14 18:02	362	180	309	224	3 14				1.17	416	.87	1.34
1978	4 13 0:57	225	75.6	175	163	4 12	1			1.29	230	.98	1.05
1979	4 15 14:51	383	133	313	134	4 15				1.24	486	.79	1.41

02CF009 NOLIN CREEK AT SUDBURY

DRAINAGE AREA 21.5 SQ KM

REGULATED

PERIOD OF RECORD 1959-79

RECORDING GAUGE 1967-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1967	4 1 18:00	6.97	3.08	5.21	4.08	4 1				1.34	6.88	1.01	.97
1968	7 22 1:00	10.6	.042	4.79	3.74	7 22				2.21	7.69	1.38	.67
1969	10 13 10:15	7.99	.422	3.06	1.38	10 13		3.65	11 02	2.61	5.22	1.53	.61
1970	9 24 10:00	12.6	.362	3.28	2.02	9 24		4.76	06 02	3.84	5.37	2.35	.37
1971	12 10 21:33	10.8	.719	3.40	3.23	12 10		3.88	04 12	3.18	4.83	2.24	.32
1972	NO DATA												
1973	7 30 22:01	9.80	1.02	3.34	1.85	7 31	-1			2.93	5.25	1.87	.46
1974	10 31 23:55	10.8	2.10	3.77	1.76	11 1	-1			2.86	5.61	1.93	.41
1975	11 30 6:42	8.47	.215	4.19	1.96	11 30		6.48	04 19	2.02	7.29	1.16	.84
1976	3 27 11:18	9.23	5.32	5.97	5.32	3 27		8.27	03 22	1.55	6.62	1.39	.33
1977	NO DATA							4.45	03 17				
1978	8 23 20:53	7.14	1.71	1.85	.878	8 24	-1	2.92	04 19	3.86	2.41	2.97	.19
1979	4 26 19:36	6.92	1.09	2.84	1.73	4 26		4.28	04 14	2.44	4.27	1.62	.52

02LB017 NORTH BRANCH SOUTH NATION RIVER NEAR HECKSTON

DRAINAGE AREA 69.2 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1977-79

RECORDING GAUGE 1978-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1978	4 13 18:26	15.2	10.1	13.2	13.1	4 12	1			1.15	14.8	1.03	.89
1979	3 25 5:30	10.1	8.00	9.90	8.40	3 25				1.02	11.6	.87	1.79

02AP014 NORTH CURRENT RIVER NEAR THUNDER BAY

DRAINAGE AREA 112 SQ KM

PERIOD OF RECORD 1972-79

RECORDING GAUGE 1979-79

NATURAL FLOW

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1979	5 11 8:13	24.6	19.9	23.2	16.1	5 11				1.06	28.6	.86	1.99

04MF001 NORTH FRENCH RIVER NEAR THE MOUTH

DRAINAGE AREA 6680 SQ KM

PERIOD OF RECORD 1966-79

RECORDING GAUGE 1969-79

NATURAL FLOW

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1969	5 9 1:00	569	521	527	484	5 9		527	05 04	1.08	551	1.03	.74
1970	NO DATA												
1971	NO DATA												
1972	5 15 2:25	748	697	731	728	5 15				1.02	753	.99	1.15
1973	4 23 18:30	589	510	583	524	4 23				1.01	649	.91	1.03
1974	5 18 1:00	779	688	748	745	5 17	1			1.04	779	1.00	1.01
1975								544	05 03				
1976	NO DATA												
1977	NO DATA												
1978	5 26 3:00	883	850	855	750	4 26				1.03	910	.97	1.33
1979	5 12 17:30	963	951	960	929	5 14	-2			1.00	980	.98	1.74
	4 26 17:00	971	510	918	831	4 26		928	05 10	1.06	1165	.83	1.65

02EA010 NORTH MAGNETAWAN RIVER ABOVE PICKEREL LAKE

DRAINAGE AREA 149 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1968-79

RECORDING GAUGE 1978-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1978	7 22 11:30	31.4	18.2	30.3	20.5	7 22				1.04	41.3	.76	1.82
1971	4 20 15:45	24.8	21.2	23.5	22.3	4 20				1.02	25.3	.95	1.56
1972	5 4 3:17	37.7	30.6	35.1	25.3	5 4				1.07	42.3	.89	1.47
1973	4 3 8:56	24.3	22.6	23.9	19.3	4 3				1.02	26.9	.91	1.76
1974	4 15 23:01	39.9	23.1	35.4	35.4	4 15				1.13	41.6	.96	1.15
1975	4 25 18:10	24.1	19.1	23.8	23.5	4 25				1.01	26.3	.92	1.79
1976	3 28 22:23	38.2	30.6	36.0	27.9	3 29	-1			1.06	42.8	.89	1.51
1977	3 31 20:49	27.6	18.6	25.1	24.5	3 31				1.10	28.7	.96	1.17
1978	4 28 20:10	23.0	21.0	22.5	22.5	4 28				1.02	23.3	.99	1.28
1979	3 26 6:37	30.5	24.5	29.5	23.2	3 26				1.03	35.2	.87	1.70

02EA005 NORTH MAGNETAWAN RIVER NEAR BURKS FALLS

DRAINAGE AREA 321 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1915-79

RECORDING GAUGE 1967-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1967	4 18 22:00	34.0	30.9	34.5	34.0	4 18				1.01	36.6	.95	1.74
1968	4 6 19:00	47.3	37.1	46.2	42.0	4 6				1.02	52.5	.90	1.70
1969	4 18 6:00	41.3	30.2	40.8	37.9	4 18				1.01	43.6	.95	1.69
1970	4 25 21:00	44.5	42.2	44.2	43.0	4 25				1.01	45.8	.97	1.60
1971	4 22 1:29	48.1	44.5	47.6	47.3	4 21	1			1.01	49.3	.98	1.55
1972	5 4 22:58	49.0	43.3	47.6	47.9	5 4				1.03	50.1	.98	1.27
1973	4 4 3:50	37.1	35.7	36.8	32.6	4 4				1.03	37.9	.98	1.25
1974	4 17 4:54	46.7	42.8	46.4	44.2	4 17				1.01	49.3	.95	1.81
1975	4 26 21:30	44.5	43.6	44.2	41.9	4 27	-1			1.01	45.7	.97	1.66
1976	4 2 7:10	60.0	57.5	59.5	54.9	4 2				1.01	62.8	.96	1.74
1977	4 2 1:09	35.4	33.1	35.4	34.0	4 2				1.00	37.3	.95	2.08
1978	4 30 8:11	38.5	35.7	37.9	37.9	4 29	1			1.02	39.0	.99	1.29
1979	3 27 6:02	38.5	33.9	38.2	34.7	3 27				1.01	42.1	.91	1.86

02FC013 NORTH SAUGEEN RIVER NEAR PAISLEY

DRAINAGE AREA 262 SQ KM

REGULATED

PERIOD OF RECORD 1972-79

RECORDING GAUGE 1972-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1972	12 31 1144	39.4	9.43	30.6	19.2	0 0				1.29	46.9	.84	1.38
1973	NO DATA							19.2	01 01				
1974	4 4 0103	39.1	12.5	25.5	16.2	4 4		33.1	01 27	1.53	36.7	1.07	.98
1975	4 19 1112	43.0	24.3	36.2	25.7	4 19				1.19	47.4	.91	1.24
1976	NO DATA							25.5	03 21				
1977	NO DATA							51.0	03 13				
1978	4 7 1900	24.6	11.7	17.6	12.5	4 7				1.40	23.1	1.06	.88
1979	4 14 0128	31.6	17.1	26.5	18.4	4 14		26.4	03 24	1.20	34.9	.91	1.23

02GC005 NORTH THAMES RIVER AT ST MARYS

CRAINAGE AREA 1080 SQ KM

REGULATED

PERIOD OF RECORD 1938-79

RECORDING GAUGE 1948-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	CD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1948	3 19 24:00	778	351	453	162	3 26	-1			1.70	649	1.19	.77
1949		NO DATA											
1950		NO DATA											
1951		NO DATA											
1952	3 11 21:00	161	8.27	122	86.7	3 11		138	02 27				
1953	6 17 10:00	430	3.11	267	102	6 17		126	03 21	1.32	196	.82	1.31
1954	2 16 19:00	691	17.1	430	243	2 16				1.61	481	.89	1.14
1955		NO DATA								1.61	729	.95	1.07
1956		NO DATA						340	03 11				
1957	12 21 4:00	442	214	348	119	12 21		371	04 04				
1958	3 27 5:00	91.2	67.4	76.2	69.7	3 27		76.2	03 24	1.30	513	.86	1.26
1959	4 2 11:00	391	201	343	217	4 2				1.20	83.8	1.89	.68
1960	4 3 22:30	521	274	430	345	4 3				1.15	471	.83	1.44
1961	2 24 18:00	109	46.4	103	81.8	2 24				1.21	558	.95	1.14
1962	3 29 23:30	303	204	255	200	3 29				1.06	141	.77	1.73
1963	3 27 22:00	583	436	481	337	3 27				1.19	388	.98	1.85
1964	12 25 9:30	171	16.1	139	73.6	12 25				1.21	575	1.81	.96
1965	2 10 23:00	476	132	257	113	2 11	-1			1.23	233	.73	1.49
1966	12 7 10:30	549	33.1	433	217	12 7				1.85	391	1.22	.76
1967	4 3 8:33	493	78.7	303	88.3	4 3				1.27	748	.74	1.45
1968	2 2 13:50	493	65.1	377	187	2 2				1.63	522	.94	1.07
1969	4 5 8:00	386	99.1	238	104	4 5				1.31	627	.79	1.37
1970	4 9 4:11	252	131	207	114	4 9				1.29	374	.82	1.33
1971		NO DATA								1.22	291	.86	1.31
1972	4 17 7:57	242	89.2	184	75.8	4 17		209	04 02				
1973	3 11 23:28	294	145	182	78.2	3 12	-1	187	04 13	1.32	285	.85	1.27
1974	5 17 9:14	535	93.7	382	129	5 17		182	01 01	1.62	252	1.16	.77
1975	4 19 7:22	612	152	458	138	4 19				1.40	652	.82	1.28
1976	3 5 21:25	328	190	197	102	3 6	-1			1.36	755	.81	1.31
1977	3 13 17:48	702	199	623	374	3 13		254	03 21	1.66	248	1.32	.56
1978	4 11 13:49	374	114	336	183	4 11				1.13	959	.73	1.62
1979	4 14 8:25	458	111	368	148	4 14				1.22	463	.81	1.48
										1.25	590	.76	1.44

02GF003 NORTH THAMES RIVER BELOW FANSHAWE DAM

DRAINAGE AREA 1450 SQ KM REGULATED

PERIOD OF RECORD 1915-79

RECORDING GAUGE 1954-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1954	2 16 22:00	538	340	405	222	2 17	-1			1.33	529	1.02	.96
1955	NO DATA							286	03 11				
1956	5 12 3:00	377	167	334	253	5 12				1.13	458	.82	1.49
1957	12 21 14:30	351	211	334	239	12 21				1.05	443	.79	1.73
1958	3 24 11:00	106	92.3	101	99.7	3 24				1.05	105	1.00	1.00
1959	4 2 13:30	374	224	309	300	4 2				1.21	356	1.05	.84
1960	4 4 4:00	425	323	391	391	4 3	1			1.09	425	1.00	1.00
1961	2 25 11:30	172	63.7	152	135	2 25				1.13	284	.84	1.45
1962	3 24 19:00	163	134	157	109	3 25	-1			1.04	192	.85	1.71
1963	3 28 21:40	654	396	532	419	3 28				1.23	656	1.00	1.01
1964	12 25 19:30	189	7.82	132	127	12 25		148	04 07	1.43	196	.96	1.06
1965	4 12 12:00	405	76.5	203	181	4 12		362	02 11	2.00	277	1.46	.54
1966	12 7 17:40	416	294	331	274	12 8	-1			1.26	378	1.10	.71
1967	4 3 14:30	374	187	251	231	4 3		276	01 26	1.48	337	1.11	.82
1968	2 2 22:30	538	297	388	232	2 3	-1			1.37	511	1.04	.93
1969	4 5 21:00	331	107	261	232	4 5				1.27	352	.94	1.13
1970	4 9 11:55	337	136	289	199	4 9				1.17	415	.81	1.45
1971	4 2 10:55	328	61.7	251	241	4 2				1.31	358	.94	1.13
1972	4 14 1:24	274	198	221	126	4 14				1.24	284	.96	1.09
1973	3 11 20:44	280	128	261	213	3 12	-1			1.07	351	.80	1.65
1974	3 5 21:12	351	309	314	197	3 6	-1			1.12	375	.94	1.24
1975	4 19 22:29	515	156	382	360	4 19				1.35	506	1.02	.96
1976	3 7 12:21	343	236	297	182	3 7				1.15	385	.89	1.31
1977	3 13 23:53	569	459	558	473	3 14	-1			1.02	650	.88	1.79
1978	4 11 11:00	354	283	311	283	4 12	-1	331	04 07	1.14	339	1.04	.79
1979	4 14 4:56	523	300	363	320	4 14				1.44	416	1.26	.58

02GD014 NORTH THAMES RIVER NEAR MITCHELL

DRAINAGE AREA 319 SQ KM

REGULATED

PERIOD OF RECORD 1953-79

RECORDING GAUGE 1978-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	CD	DATE OF CD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1978	4 8 22:43	285	79.6	144	54.1	4 9	-1			1.42	221	.93	1.12
1971	4 2 17:55	188	28.2	94.6	66.3	4 2				1.14	145	.74	1.99
1972	4 17 2:25	153	35.7	81.8	24.7	4 17		180	04 13	1.89	131	1.16	.83
1973	3 11 18:36	193	17.8	82.1	68.8	3 11				2.35	125	1.54	.56
1974	5 17 3:24	289	93.8	164	27.5	5 17				1.76	287	1.88	.99
1975	4 19 5:18	447	182	294	47.3	4 19				1.52	513	.87	1.18
1976	3 21 4:36	281	142	203	32.3	3 21				1.38	318	.88	1.28
1977	3 12 23:49	413	226	360	238	3 13	-1			1.15	492	.84	1.43
1978	4 7 21:19	191	82.4	120	87.8	4 7				1.59	154	1.23	.66
1979	4 14 2:51	233	56.2	164	46.7	4 14				1.42	276	.84	1.24

02GD015 NORTH THAMES RIVER NEAR THORNDALE

DRAINAGE AREA 1340 SQ KM

REGULATED

PERIOD OF RECORD 1953-79

RECORDING GAUGE 1954-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q7	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1954	2 16 21:00	867	12.2	484	294	2 16		521	10 16	1.79	814	1.06	.93
1955	NO DATA							255	03 11				
1956	5 11 24:00	667	151	447	110	5 17	-1			1.49	763	.87	1.10
1957	12 21 0:15	473	236	360	114	12 21				1.31	545	.87	1.24
1958	3 27 0:00	97.1	71.1	84.4	77.9	3 27				1.15	94.3	1.03	.88
1959	4 2 13:00	447	289	342	242	4 2				1.17	538	.83	1.41
1960	4 4 0:30	668	294	527	481	4 3	1			1.27	666	1.00	.99
1961	2 24 20:30	142	89.2	135	111	2 24				1.05	169	.84	1.67
1962	NO DATA							122	03 24				
1963	3 28 2:00	648	478	555	430	3 27	1			1.17	660	.98	1.06
1964	4 6 23:59	176	81.3	135	106	4 7	-1	172	12 25	1.30	176	1.00	1.00
1965	2 11 0:30	603	135	337	141	2 11				1.79	536	1.13	.86
1966	12 7 13:00	588	33.7	476	314	12 7				1.22	778	.75	1.49
1967	4 3 9:00	518	97.4	365	114	4 3				1.40	624	.82	1.28
1968	2 2 16:20	651	167	501	289	2 2				1.30	774	.84	1.29
1969	4 5 11:20	377	102	388	142	4 5				1.26	478	.79	1.48
1970	4 9 0:00	317	158	266	151	4 9				1.19	381	.83	1.39
1971	4 2 0:06	383	80.4	278	184	4 2				1.12	487	.74	1.61
1972	4 17 9:50	389	113	252	188	4 17				1.23	393	.79	1.43
1973	3 12 1:26	391	182	269	115	3 12				1.49	377	1.04	.94
1974	5 17 10:37	583	111	445	161	5 17				1.31	754	.77	1.30
1975	4 19 10:17	714	153	552	205	4 19				1.29	925	.77	1.39
1976	3 5 20:52	453	261	272	113	3 6	-1	286	03 21	1.67	357	1.27	.64
1977	3 13 13:09	711	276	646	467	3 13				1.10	928	.77	1.42
1978	4 11 15:48	473	122	374	253	4 11				1.26	568	.84	1.31
1979	4 14 9:37	588	143	565	284	4 14				1.16	836	.70	1.68

05MD004 NORTH WEST GANARASKA RIVER NEAR OSACA

DRAINAGE AREA 42.7 SQ KM

REGULATED

PERIOD OF RECORD 1958-79

RECORDING GAUGE 1968-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1958	3 18 21:00	21.5	5.07	6.23	5.66	3 18				3.45	7.18	3.03	.11
1959	3 18 19:57	23.4	.991	4.73	3.45	3 18				4.95	7.24	3.23	.24
1970	4 20 13:32	2.78	.589	1.29	.895	4 20				2.89	1.84	1.47	.98
1971	4 9 22:11	5.21	2.73	3.89	2.33	4 10	-1			1.69	3.65	1.43	.42
1972	4 13 12:00	11.4	3.31	4.93	3.60	4 13				2.31	6.41	1.78	.37
1973	3 7 22:30	10.9	2.11	4.87	3.20	3 7				2.24	7.89	1.54	.54
1974	4 4 7:47	14.6	2.06	7.33	1.68	4 4		8.41	03 05	1.99	12.8	1.14	.86
1975	3 19 20:25	14.1	2.10	7.90	6.00	3 19				1.78	11.3	1.25	.71
1976	3 21 7:34	8.55	2.00	6.29	1.59	3 21				1.36	10.4	.82	1.29
1977	3 13 9:33	14.0	1.60	7.65	1.95	3 13				1.83	13.5	1.04	.96
1978	4 1 17:30	6.71	1.30	3.60	2.59	4 1		4.22	04 07	1.86	5.26	1.28	.69
1979	3 14 9:04	10.0	1.04	5.09	1.34	3 14				1.70	10.6	.94	1.07

05PD022 NORTH WEST TRIBUTARY TO LAKE 239 NEAR KENORA

DRAINAGE AREA 0.65 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1970-79

RECORDING GAUGE 1971-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1971	7 1 4:15	.187	.015	.125	.020	7 1				1.50	.229	.82	1.25
1972	NO DATA							0.153	08 20				
1973	4 20 23:52	.136	.051	.074	.031	4 21	-1			1.84	.107	1.27	.69
1974	NO DATA												
1975	6 22 14:02	.122	.012	.065	.045	6 22				1.88	.102	1.20	.78
1976	4 16 14:20	.099	.040	.076	.040	4 16				1.30	.108	.92	1.16
1977	6 15 19:40	.071	.040	.042	.024	6 16	-1			1.69	.052	1.37	.51
1978	4 26 17:22	.102	.071	.079	.076	4 25	1			1.29	.085	1.21	.39
1979	4 25 3:10	.116	.040	.083	.030	4 25				1.40	.124	.94	1.11

02ED101 NOTTAWASAGA RIVER NEAR ALLISTON

DRAINAGE AREA 334 SQ KM NATURAL FLOW

PERIOD OF RECORD 1967-78

RECORDING GAUGE 1978-78

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1978	4 9 1:30	31.1	9.60	26.6	15.7	4 9		28.3	04 15	1.17	40.6	.77	1.51
1971	4 13 19:00	22.7	19.4	22.0	19.9	4 13				1.03	24.4	.93	1.54
1972	4 19 10:26	37.6	28.1	31.4	23.1	4 19				1.04	37.2	.88	1.61
1973	3 8 11:12	33.1	22.8	27.9	18.7	3 8				1.19	35.1	.94	1.16
1974	3 5 14:19	42.5	32.6	49.5	37.7	3 5				1.05	45.9	.93	1.46
1975	4 19 17:11	37.1	18.6	32.6	30.9	4 19				1.14	48.5	.92	1.27
1976	3 21 19:39	33.1	23.6	31.4	26.6	3 21				1.05	37.7	.88	1.58
1977	NO DATA							32.6	03 14				
1978	4 12 6:53	27.1	18.0	25.6	24.3	4 12				1.06	38.1	.98	1.58

02ED803 NOTTAWASAGA RIVER NEAR BAXTER

DRAINAGE AREA 1160 SQ KM NATURAL FLOW

PERIOD OF RECORD 1947-79

RECORDING GAUGE 1966-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1966	1 1 12:10	91.7	19.8	45.3	27.9	1 1				2.02	66.8	1.37	.63
1967	12 22 20:45	73.9	28.9	61.2	51.8	12 22		69.4	04 01	1.21	82.1	.90	1.24
1968	3 28 17:50	129	74.5	106	102	3 19	1			1.22	123	1.04	.87
1969	3 23 21:30	107	81.8	96.6	95.7	3 23				1.11	104	1.02	.86
1970	4 9 3:21	79.8	43.0	71.4	59.7	4 9				1.11	91.5	.86	1.45
1971	4 13 17:04	83.6	79.2	78.7	72.8	4 13				1.06	85.9	.97	1.20
1972	4 14 20:43	172	123	152	136	4 14				1.13	173	.99	1.04
1973	3 8 10:31	107	56.8	98.8	64.6	3 8				1.08	146	.73	1.71
1974	3 6 18:30	142	115	121	105	3 7	-1			1.17	132	1.08	.69
1975	4 20 3:03	176	144	157	92.9	4 20				1.12	196	.90	1.34
1976	3 21 20:36	143	78.8	136	106	3 21				1.05	183	.78	1.74
1977	3 11 19:06	120	82.1	98.8	78.4	3 11		121	03 14	1.31	115	1.11	.74
1978	4 7 20:54	117	74.5	98.8	96.8	4 7				1.18	111	1.05	.84
1979	4 15 14:02	88.5	66.7	85.8	60.8	4 15				1.03	107	.82	1.78

02GF001 O.A.C. FARM GAUGE NO.2 NEAR MERLIN

DRAINAGE AREA 11.4 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1961-77

RECORDING GAUGE 1973-77

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1973	3 11 15:16	4.16	.317	2.14	1.18	3 11							
1974	NO DATA									1.94	3.53	1.18	.82
1975	2 24 6:04	3.20	1.58	2.32	.733	2 24		2.97	03 05				
1976	2 23 8:48	11.6	2.58	3.17	.334	2 23				1.38	3.48	.92	1.14
1977	NO DATA									3.66	4.88	2.38	.34

02GA032 O.A.C. FARM GAUGE NO.5 AT GUELPH

DRAINAGE AREA 2.51 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1966-79

RECORDING GAUGE 1969-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1969	1 30 17:07	.963	.021	.464	.110	1 30				2.08	.863	1.12	.89
1970	12 4 1:09	.326	.048	.198	.054	12 4				1.65	.345	.94	1.07
1971	4 2 1:20	1.01	.241	.566	.232	4 2				1.78	.895	1.13	.85
1972	4 13 8:40	.943	.365	.600	.204	4 13				1.57	.916	1.03	.96
1973	3 11 7:00	1.18	.159	.595	.345	3 11				1.98	.938	1.26	.74
1974	5 16 20:16	2.07	.408	1.00	.093	5 17	-1			2.07	1.75	1.18	.82
1975	NO DATA												
1976	NO DATA												
1977	8 16 18:20	4.39	.007	.311	.031	8 16		1.67	03 19				
1978	5 13 13:38	2.61	.068	.464	.125	5 13		0.481	03 09	14.12	.603	7.28	.13
1979	8 23 21:56	2.43	.004	.195	.155	8 23		0.523	04 01	5.63	.832	3.14	.29
								0.861	03 04	12.46	.311	7.83	.18

02HB005 OAKVILLE CREEK AT MILTON

DRAINAGE AREA 95.6 SQ KM

REGULATED

PERIOD OF RECORD 1957-79

RECORDING GAUGE 1959-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1959	4 3 6:00	12.6	8.04	10.3	8.24	4 3				1.22	12.5	1.01	.97
1960	4 3 17:30	25.0	10.3	15.1	13.3	4 4	-1			1.66	18.4	1.36	.58
1961	2 26 2:00	11.7	3.79	4.81	2.15	2 26				2.43	6.65	1.76	.42
1962	11 10 9:45	19.3	.328	7.82	2.38	11 10				2.47	14.3	1.35	.72
1963	3 21 16:00	10.4	1.14	4.56	3.34	3 21		9.17	03 27	2.28	6.88	1.51	.57
1964	3 14 17:45	9.15	1.55	3.54	2.41	3 14		5.32	04 30	2.58	5.18	1.79	.44
1965	2 10 14:30	19.2	1.71	8.92	4.45	2 10		11.9	04 12	2.15	14.8	1.30	.72
1966	12 10 13:00	9.63	1.65	6.40	4.08	12 10				1.50	9.94	.97	1.85
1967	4 3 2:30	21.4	10.1	15.6	11.1	4 3				1.37	20.6	1.04	.93
1968	2 2 13:00	21.4	4.22	13.6	4.79	2 2				1.57	22.7	.94	1.08
1969	4 18 13:30	16.4	1.36	9.00	6.17	4 18				1.82	14.2	1.15	.83
1970	4 2 15:56	7.87	1.83	4.13	3.57	4 2				1.91	5.56	1.42	.55
1971	3 15 20:30	15.7	1.23	7.39	6.43	3 15				2.12	11.0	1.43	.68
1972	4 13 11:00	18.1	4.76	10.8	8.41	4 13		12.9	04 15	1.68	15.8	1.21	.73
1973	3 14 13:32	24.2	8.55	13.8	9.20	3 14				1.86	17.1	1.41	.54
1974	5 16 22:49	44.5	10.2	20.5	14.4	5 17	-1			2.17	28.7	1.55	.51
1975	2 24 20:43	20.8	3.00	10.3	4.70	2 24				2.02	16.8	1.24	.76
1976	3 19 17:32	20.6	2.89	8.55	8.50	3 19		8.86	05 07	2.41	11.4	1.81	.38
1977	3 13 3:32	24.2	6.57	15.0	9.97	3 13				1.61	21.7	1.11	.84
1978	NO DATA							11.0	03 22				
1979	4 14 7:05	13.8	9.39	9.77	8.24	4 15	-1	10.1	12 25	1.41	10.7	1.29	.38

04GB004 OGOKI RIVER ABOVE WHITECLAY LAKE

DRAINAGE AREA 11200 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1971-79

RECORDING GAUGE 1972-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1972	5 22 15:36	200	195	198	198	5 21	1			1.01	199	1.00	.86
1973	5 18 18:51	208	202	206	206	5 18				1.01	208	1.00	1.00
1974	5 31 22:28	614	603	612	612	5 31				1.00	616	1.00	1.38
1975	5 24 19:55	238	236	237	235	5 25	-1	238	05 22	1.00	238	1.00	1.28
1976	5 14 22:42	182	178	181	180	5 14				1.01	183	.99	1.33
1977	9 21 9:43	176	174	175	174	9 21				1.01	176	1.00	1.00
1978	6 16 23:23	317	311	314	311	6 15	1			1.01	317	1.00	1.00
1979	5 25 16:31	289	286	288	287	5 25				1.00	289	1.00	1.20

02CF010 ONAPING RIVER NEAR LEVACK

DRAINAGE AREA 697 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1976-79

RECORDING GAUGE 1976-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1976	4 19 11:36	84.1	77.0	83.0	78.7	4 19				1.01	88.2	.95	1.65
1977	4 22 13:20	57.5	55.5	56.6	56.6	4 21	1			1.02	57.2	1.01	.76
1978	5 15 2:40	89.8	77.6	83.8	71.6	5 15				1.07	93.8	.97	1.21
1979	4 27 15:55	141	107	137	122	4 27				1.03	159	.88	1.78

02HC008 OSHAWA CREEK AT OSHAWA

DRAINAGE AREA 125 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1964-79

RECORDING GAUGE 1965-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1965	4 7 19:30	52.7	8.30	26.3	6.37	4 7				2.00	45.3	1.16	.84
1966	3 1 4:00	64.6	.708	27.6	2.86	3 1				2.34	53.4	1.21	.82
1967	3 26 20:00	29.4	6.23	7.65	4.70	3 27	-1	8.07	04 03	3.84	9.84	2.99	.18
1968	2 2 17:30	35.1	1.67	21.5	5.89	2 2				1.63	39.2	.89	1.13
1969	8 1 15:36	35.1	.464	3.28	1.08	8 1		12.1	04 16	10.70	5.79	6.06	.15
1970	4 2 20:36	10.9	1.36	4.70	4.28	4 2		4.81	03 23	2.32	6.58	1.66	.47
1971	6 28 5:36	83.3	1.92	28.9	2.44	6 28				2.88	55.6	1.50	.66
1972	4 13 9:22	37.9	14.2	29.2	16.8	4 13				1.30	42.9	.88	1.22
1973	2 2 14:56	32.8	1.79	15.1	5.92	2 2		17.3	03 04	2.17	26.3	1.25	.78
1974	3 5 3:30	79.3	8.07	28.3	3.85	3 5				2.80	50.6	1.57	.61
1975	2 24 21:47	82.7	6.26	39.6	12.6	2 24				2.09	69.8	1.19	.82
1976	3 20 19:26	30.0	12.4	18.1	3.48	3 21	-1			1.66	28.3	1.06	.92
1977	NO DATA							14.1	03 13				
1978	4 7 4:54	25.6	4.64	16.6	5.72	4 7				1.54	28.0	.91	1.12
1979	NO DATA												

02HJ002 OTONABEE RIVER AT LAKEFIELD

DRAINAGE AREA 7360 SQ KM

REGULATED

PERIOD OF RECORD 1962-79

RECORDING GAUGE 1971-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1971	4 24 13:34	360	354	357	354	4 25	-1			1.01	360	1.00	1.00
1972	4 28 9:30	314	294	306	306	4 27	1			1.03	312	1.01	.86
1973	4 9 14:05	388	371	374	374	4 9				1.04	375	1.03	.19
1974	NO DATA							326	05 19				
1975	4 28 13:00	266	262	264	264	4 28				1.01	265	1.00	.67
1976	4 7 11:57	447	436	445	442	4 7				1.00	451	.99	1.50
1977	4 18 20:00	183	182	182	180	4 9	1			1.01	183	1.00	1.00
1978	5 20 19:00	323	292	317	317	5 20				1.02	329	.98	1.35
1979	4 7 2:39	360	356	359	350	4 7				1.00	365	.99	1.71

04FA001 OTOSKWIN RIVER BELOW BADESDAWA LAKE

DRAINAGE AREA 9010 SQ KM

REGULATED

PERIOD OF RECORD 1966-79

RECORDING GAUGE 1969-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1969	6 8 14:00	394	385	388	388	6 9	-1	391	06 11	1.02	389	1.01	.40
1970	7 22 17:53	326	323	323	314	7 22				1.01	329	.99	1.33
1971	5 12 13:15	379	371	374	371	5 12				1.01	377	1.01	.75
1972	NO DATA							340	05 17				
1973	5 12 23:36	194	187	192	192	5 11	1			1.01	194	1.00	1.11
1974	6 13 19:30	612	606	612	606	6 13				1.00	618	.99	2.00
1975	5 12 12:33	314	300	306	303	5 12				1.03	310	1.01	.72
1976	5 3 15:38	189	185	187	187	5 2	1			1.01	188	1.01	.67
1977	7 25 4:20	244	240	244	242	7 25				1.00	247	.99	2.00
1978	5 17 17:35	326	309	320	320	5 17				1.02	325	1.00	.96
1979	5 21 15:45	338	332	335	331	5 21				1.01	338	1.00	1.00

02KF005 OTTAWA RIVER AT BRITANNIA

DRAINAGE AREA UNKNOWN

REGULATED

PERIOD OF RECORD 1915-79

RECORDING GAUGE 1979-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1979	5 1 18:00	5110	5010	5040	5010	5 2	-1	5060	05 04	1.01	5070	1.01	.60

02MJ003 OUSE RIVER NEAR WESTWOOD

DRAINAGE AREA 282 SQ KM

REGULATED

PERIOD OF RECORD 1967-79

RECORDING GAUGE 1968-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1968	3 29 14:00	17.2	16.2	17.0	16.6	3 29				1.01	17.6	.98	1.50
1969	5 20 2:31	18.5	16.1	18.3	16.6	5 20				1.01	20.3	.91	1.81
1970	4 10 18:19	17.0	14.9	16.6	14.8	4 10				1.02	18.4	.93	1.63
1971	4 14 7:31	36.2	21.1	34.6	27.3	4 14				1.04	45.4	.80	1.77
1972	4 15 10:00	42.5	38.2	40.2	27.9	4 15				1.06	47.4	.90	1.51
1973	3 8 13:21	52.1	22.3	45.3	37.9	3 8				1.15	60.5	.86	1.38
1974	4 5 6:16	29.2	16.8	27.0	17.4	4 5				1.08	36.9	.79	1.64
1975	NO DATA							39.4	03 20				
1976	3 22 0:50	67.7	48.5	55.8	35.4	3 22				1.21	73.7	.92	1.28
1977	3 14 4:33	22.5	17.8	20.7	16.4	3 14				1.09	24.3	.93	1.33
1978	4 22 1:56	27.8	23.2	26.1	20.7	4 22		27.1	04 13	1.07	30.3	.92	1.42
1979	3 25 14:15	41.8	31.6	40.1	32.9	3 25				1.04	48.2	.87	1.65

04JD005 PAGWACHUAN RIVER AT HIGHWAY NO.11

DRAINAGE AREA 2820 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1968-79

RECORDING GAUGE 1969-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1969	5 5 3:00	176	173	175	173	5 5				1.01	177	.99	1.33
1970	5 1 19:51	195	154	192	188	5 1				1.02	213	.92	1.75
1971	5 27 10:42	143	136	142	137	5 27				1.01	147	.97	1.69
1972	5 4 8:08	195	191	194	189	5 4				1.01	198	.98	1.68
1973	4 23 17:08	189	85.0	188	178	4 23				1.01	244	.77	1.97
1974	5 18 6:40	185	179	185	183	5 18				1.00	189	.98	2.88
1975	5 6 11:52	197	177	196	190	5 6				1.01	208	.94	1.85
1976	4 23 12:48	268	232	256	234	4 23				1.02	279	.93	1.78
1977	NO DATA							281	04 23				
1978	5 15 13:51	178	152	176	167	5 15				1.01	192	.92	1.78
1979	5 12 14:17	186	172	184	180	5 12				1.01	192	.97	1.68

02FF006 PARKHILL CREEK ABOVE PARKHILL RESERVOIR

DRAINAGE AREA 110 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1973-79

RECORDING GAUGE 1973-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1973	3 11 19:59	29.2	4.79	15.4	15.1	3 11		16.3	12 27	1.90	20.9	1.40	.57
1974	3 5 5:44	38.2	15.8	29.2	10.3	3 5				1.31	45.4	.84	1.28
1975	4 19 18:13	34.5	5.78	27.7	18.8	4 19				1.25	47.1	.73	1.48
1976	NO DATA							28.3	03 04				
1977	NO DATA							32.0	03 13				
1978	4 1 23:35	31.1	13.6	25.6	24.1	4 1				1.21	32.4	.96	1.18
1979	4 14 1:53	44.5	19.8	36.8	16.3	4 14				1.21	55.6	.80	1.42

02FF003 PARKHILL CREEK NEAR PARKHILL

DRAINAGE AREA 124 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1953-67

RECORDING GAUGE 1968-67

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1960	3 30 23:00	156	83.0	93.7	19.7	3 31	-1			1.66	136	1.15	.81
1961	2 24 2:30	31.4	4.19	23.6	15.8	2 24				1.33	37.6	.83	1.20
1962	11 10 21:00	49.6	16.9	28.1	5.95	11 11	-1			2.47	28.8	1.72	.45
1963	3 26 3:00	37.4	4.38	26.9	13.7	3 25	1			1.39	44.8	.83	1.26
1964	12 25 21:00	14.6	.513	8.18	8.81	12 25		9.63	84 87	1.80	11.9	1.22	.74
1965	12 25 15:00	63.1	2.47	37.1	19.5	12 25				1.70	63.2	1.00	1.00
1966	12 7 9:00	91.2	6.14	73.9	42.5	12 7				1.23	123	.74	1.48
1967	4 3 7:00	109	5.38	46.7	9.57	4 3				2.33	85.9	1.27	.77

02HL103 PARKS CREEK NEAR LATTA

DRAINAGE AREA 199 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1968-77

RECORDING GAUGE 1978-77

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1970	4 10 21:00	13.1	11.1	12.7	12.2	4 10				1.03	13.0	.95	1.45
1971	4 14 7:00	35.4	32.0	34.5	30.0	4 14				1.03	38.0	.93	1.59
1972	4 15 23:06	23.8	22.7	22.9	19.5	4 17	-2			1.04	24.7	.96	1.33
1973	3 18 5:12	21.8	15.4	29.6	19.3	3 18				1.02	23.9	.88	1.78
1974	NO DATA							27.9	04 05				
1975	3 23 3:42	22.1	19.1	21.2	16.8	3 23				1.04	23.5	.94	1.43
1976	3 28 1:10	28.9	26.2	27.9	25.?	3 28				1.04	38.1	.96	1.37
1977	NO DATA							24.1	03 15				

04GA803 PASHKOKOGAN RIVER AT OUTLET OF PASHKOKOGUN LAKE

DRAINAGE AREA 2239 SQ KM — NATURAL FLOW

PERIOD OF RECORD 1968-79

RECORDING GAUGE 1978-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1978	6 19 16:36	51.3	46.7	48.4	47.9	6 18	1			1.06	49.5	1.04	.55
1979	6 1 20:54	40.9	38.7	38.9	37.9	6 2	-1			1.05	39.5	1.04	.46

02GC012 PATTERSON CREEK NEAR SIMCOE

DRAINAGE AREA 51.3 SQ KM — REGULATED

PERIOD OF RECORD 1963-79

RECORDING GAUGE 1964-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1964	8 23 23:30	2.25	1.51	1.54	.966	8 24	-1	1.72	03 26	1.46	1.84	1.22	.60
1965	1 9 21:00	13.6	.433	8.89	8.44	3 5				1.53	13.3	1.02	.97
1966	2 11 9:00	2.41	.784	2.84	1.79	2 11				1.18	2.79	.86	1.34
1967	4 6 21:00	2.00	1.19	1.75	1.73	4 6				1.14	2.04	.98	1.07
1968	2 2 11:45	6.89	1.75	5.18	3.54	2 2				1.10	7.72	.79	1.47
1969	1 30 10:27	6.85	.932	5.69	5.38	1 30				1.20	8.22	.83	1.37
1970	NO DATA												
1971	2 27 17:21	4.70	1.10	3.26	2.09	2 27				1.44	4.49	1.05	.92
1972	3 2 1:36	6.97	1.11	4.79	1.05	3 2				1.46	8.20	.85	1.22
1973	3 15 12:44	3.45	2.25	3.20	2.38	3 15				1.05	4.25	.81	1.70
1974	3 5 0:53	3.62	2.01	3.48	2.43	3 5				1.06	4.58	.79	1.69
1975	2 24 17:10	2.88	1.42	2.37	2.10	2 24				1.10	2.98	.94	1.17
1976	NO DATA							4.98	03 06				
1977	9 26 18:51	4.73	1.63	3.71	3.34	9 26				1.27	4.94	.96	1.09
1978	3 21 16:19	5.38	4.04	4.87	4.36	3 23	-2	4.87	03 23	1.10	5.14	1.05	.69
1979	3 4 16:39	5.10	4.13	4.53	2.63	3 5	-1			1.13	5.68	.90	1.34

02LB022 PAYNE RIVER NEAR BERWICK

DRAINAGE AREA 152 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1976-79

RECORDING GAUGE 1977-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1977	3 13 23:39	112	87.2	102	43.3	3 14	-1			1.10	130	.81	1.57
1978	4 13 21:51	82.1	66.8	71.1	47.3	4 14	-1			1.15	85.6	.96	1.14
1979	9 14 22:54	52.9	17.4	39.8	17.5	9 15	-1			1.36	60.6	.87	1.22

02EC103 PEFERLAW BROOK NEAR UDORA

DRAINAGE AREA 332 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1969-79

RECORDING GAUGE 1978-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1970	4 18 14:30	22.4	17.2	22.1	19.2	4 18				1.01	26.8	.86	1.86
1971	4 5 20:00	20.1	15.7	18.5	16.8	4 5				1.09	20.8	.97	1.17
1972	NO DATA							53.8	04 14				
1973	3 8 7:00	21.2	19.6	20.7	18.5	3 8				1.02	22.4	.95	1.53
1974	3 6 15:06	43.9	38.6	42.8	32.6	3 6				1.03	54.8	.81	1.82
1975	2 26 3:55	48.1	31.1	46.7	34.8	2 26				1.03	60.5	.80	1.82
1976	NO DATA												
1977	3 12 0:30	55.5	49.3	50.7	44.5	3 12				1.09	54.5	1.02	.88
1978	4 9 2:36	36.2	32.6	34.8	28.3	4 9				1.04	39.2	.92	1.51
1979	NO DATA												

02KA004 PERCH LAKE INLET NO.1 NEAR CHALK RIVER

DRAINAGE AREA 0.98 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1967-79

RECORDING GAUGE 1968-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1968	3 29 18:30	.156	.048	.105	.082	3 29				1.49	.149	1.08	.08
1969	8 19 3:25	.125	.094	.059	.027	8 19		0.071	05 19	2.12	.078	1.61	.44
1970	4 14 20:10	.127	.037	.082	.076	4 14				1.55	.100	1.10	.72
1971	4 22 1:40	.113	.076	.082	.082	4 21	1			1.38	.085	1.33	.18
1972	4 24 21:05	.110	.076	.079	.060	4 25	-1			1.39	.086	1.28	.37
1973	6 11 19:19	.343	.034	.170	.074	6 11				2.02	.286	1.20	.08
1974	5 12 16:56	.119	.028	.076	.059	5 12		0.091	04 17	1.57	.109	1.10	.06
1975	4 19 10:12	.113	.048	.099	.368	4 19				1.14	.140	.81	1.49
1976	4 1 19:21	.125	.057	.110	.102	4 1				1.14	.141	.89	1.34
1977	3 31 0:17	.071	.051	.057	.048	3 30	1			1.25	.069	1.04	.98
1978	4 21 20:39	.057	.042	.048	.037	4 21				1.19	.057	1.01	.97
1979	4 3 2:05	.100	.080	.082	.047	4 3				1.22	.101	1.00	1.01

02KA005 PERCH LAKE INLET NO.2 NEAR CHALK RIVER

DRAINAGE AREA 3.44 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1967-79

RECORDING GAUGE 1968-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1968	3 30 23:00	.303	.261	.266	.261	3 31	-1			1.14	.271	1.12	.24
1969	8 18 22:39	.368	.207	.258	.153	8 19	-1			1.43	.336	1.10	.83
1970	5 12 18:00	.422	.093	.289	.221	5 12				1.46	.421	1.00	1.00
1971	4 29 15:49	.317	.244	.289	.235	4 29				1.10	.339	.94	1.28
1972	5 1 20:00	.377	.306	.340	.314	5 1				1.00	.386	.98	1.13
1973	6 12 4:41	.467	.337	.388	.275	6 12				1.20	.470	.99	1.02
1974	4 15 5:14	.476	.178	.388	.246	4 15		0.391	04 24	1.59	.388	1.23	.67
1975	4 23 21:34	.351	.306	.340	.294	4 24	-1			1.03	.380	.92	1.57
1976	4 6 16:55	.413	.306	.357	.357	4 5	1			1.16	.383	1.08	.63
1977	3 31 14:17	.229	.184	.204	.184	3 31				1.12	.224	1.02	.89
1978	4 23 1:05	.368	.306	.345	.323	4 22	1			1.07	.376	.98	1.14
1979	4 14 20:27	.271	.193	.258	.223	4 14		0.261	04 28	1.05	.388	.88	1.59

02KA006 PERCH LAKE INLET NO.3 NEAR CHALK RIVER

DRAINAGE AREA 0.78 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1967-79

RECORDING GAUGE 1968-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1968	3 31 21:15	.116	.028	.034	.028	3 31				3.41	.044	2.64	.22
1969	5 19 3:35	.113	.042	.051	.028	5 19				2.22	.071	1.59	.49
1970	7 28 19:00	.088	.001	.057	.023	7 28				1.54	.102	.86	1.10
1971	4 23 22:45	.065	.051	.054	.037	4 23				1.20	.064	1.02	.95
1972	4 30 23:20	.085	.062	.065	.051	4 30				1.31	.074	1.16	.68
1973	4 16 22:00	.122	.048	.093	.079	4 16				1.31	.123	1.00	1.01
1974	5 12 19:01	.102	.031	.074	.048	5 12				1.38	.109	.94	1.10
1975	4 24 1:50	.079	.051	.068	.045	4 24				1.16	.080	.98	1.29
1976	4 16 8:46	.074	.037	.062	.057	4 15	1			1.19	.077	.96	1.11
1977	3 31 1:41	.045	.024	.034	.020	3 30	1			1.32	.042	1.07	.84
1978	4 21 10:56	.065	.045	.057	.040	4 21				1.14	.068	.96	1.14
1979	4 14 19:10	.064	.039	.056	.034	4 14				1.14	.076	.85	1.42

02KA007 PERCH LAKE INLET NO.4 NEAR CHALK RIVER

DRAINAGE AREA 0.21 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1967-79

RECORDING GAUGE 1968-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1968	3 29 17:50	.049	.017	.022	.020	3 29				2.05	.020	1.64	.39
1969	4 18 10:30	.031	.016	.025	.010	4 18				1.24	.033	.94	1.14
1970	7 28 17:20	.042	.001	.020	.009	7 28				1.50	.051	.82	1.24
1971	4 22 1:00	.037	.020	.034	.031	4 21	1			1.09	.039	.96	1.20
1972	4 24 20:30	.042	.025	.034	.025	4 24				1.24	.043	.98	1.06
1973	6 12 0:10	.051	.014	.037	.025	6 11	1	0.045	04 02	1.38	.055	.94	1.11
1974	4 24 10:30	.071	.031	.051	.031	4 23	1			1.39	.071	1.00	1.00
1975	4 20 9:40	.088	.065	.079	.054	4 20				1.11	.099	.89	1.37
1976	4 1 13:53	.074	.031	.062	.031	4 1				1.19	.093	.80	1.44
1977	3 31 0:30	.034	.025	.027	.017	3 30	1			1.26	.033	1.03	.92
1978	NO DATA							00.034	04 21				
1979	4 3 0:22	.044	.011	.031	.025	4 2	1			1.42	.044	1.00	1.00

02KA008 PERCH LAKE INLET NO.5 NEAR CHALK RIVER

DRAINAGE AREA 0.31 SQ KM NATURAL FLOW

PERIOD OF RECORD 1972-79

RECORDING GAUGE 1972-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1972	7 25 10:30	.025	.004	.011	.005	7 25		0.016	04 24	2.27	.018	1.43	.63
1973	6 11 10:45	.040	.006	.020	.009	6 11		0.021	04 01	2.00	.033	1.23	.77
1974	4 17 9:50	.031	.013	.018	.011	4 17		0.018	04 14	1.72	.024	1.29	.63
1975	NO DATA							0.040	04 19				
1976	4 1 9:36	.042	.021	.028	.013	4 1				1.50	.039	1.08	.88
1977	3 30 21:21	.024	.012	.015	.008	3 30				1.60	.020	1.20	.71
1978	4 21 0:50	.022	.012	.017	.016	4 20	1			1.29	.020	1.10	.75
1979	4 2 20:35	.020	.006	.020	.012	4 2				1.40	.031	.90	1.16

02KA003 PERCH LAKE OUTLET NEAR CHALK RIVER

DRAINAGE AREA 6.03 SQ KM NATURAL FLOW

PERIOD OF RECORD 1966-79

RECORDING GAUGE 1967-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1967	4 18 21:00	.504	.399	.484	.484	4 18				1.04	.527	.96	1.36
1968	4 1 14:20	.484	.399	.493	.438	4 1				1.07	.492	.98	1.11
1969	5 19 4:30	.317	.303	.306	.283	5 20	-1			1.04	.319	.99	1.08
1970	4 22 12:10	.347	.331	.340	.320	4 22				1.05	.351	1.02	.76
1971	4 26 12:35	.436	.425	.428	.419	4 26				1.02	.434	1.00	.86
1972	5 2 19:10	.521	.493	.518	.504	5 2				1.01	.538	.97	1.73
1973	6 12 16:00	.595	.391	.503	.513	6 12				1.02	.714	.83	1.03
1974	4 24 0:45	.564	.524	.541	.496	4 24				1.04	.572	.99	1.15
1975	4 25 0:10	.473	.456	.467	.439	4 25				1.01	.487	.97	1.93
1976	4 6 21:02	.467	.456	.462	.447	4 6				1.01	.473	.99	1.35
1977	4 3 9:14	.303	.272	.297	.283	4 3				1.02	.317	.96	1.53
1978	4 24 3:11	.467	.453	.464	.459	4 23	1			1.01	.472	.99	1.45
1979	4 18 18:11	.378	.361	.366	.361	4 18				1.03	.371	1.02	.59

02KB001 PETAWAWA RIVER NEAR PETAWAWA

DRAINAGE AREA 4120 SQ KM

REGULATED

PERIOD OF RECORD 1905-79

RECORDING GAUGE 1966-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	CD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1966	4 27 12:00	264	259	263	260	4 27				1.00	266	.99	1.56
1967	4 24 24:00	246	244	245	230	4 25	-1			1.00	249	.99	1.60
1968	4 8 16:30	195	187	191	191	4 8				1.02	193	1.01	.67
1969	4 21 2:50	283	193	282	282	4 20	1			1.00	286	.98	1.64
1970	5 1 21:32	239	234	236	232	5 2	-1			1.01	239	1.00	1.00
1971	4 30 20:15	283	280	282	280	5 1	-1			1.00	284	1.00	1.33
1972	5 6 23:30	362	351	354	348	5 7	-1			1.02	350	1.01	.72
1973	4 24 9:50	272	269	270	268	4 24				1.01	275	.99	1.47
1974	4 26 2:43	345	337	340	326	4 26				1.01	348	.99	1.26
1975	5 4 7:20	236	233	236	233	5 4				1.00	239	.99	2.00
1976	4 5 20:19	297	292	294	286	4 6	-1			1.01	299	.99	1.25
1977	4 23 13:16	198	155	156	157	4 23				1.00	168	.99	2.00
1978	5 1 15:40	237	232	236	233	5 1				1.00	239	.99	1.56
1979	4 29 14:07	299	292	298	298	4 29				1.00	305	.98	1.75

02OA003 PIC RIVER NEAR MARATHON

DRAINAGE AREA 4270 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1978-79

RECORDING GAUGE 1978-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	CD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1978	5 1 20:36	458	368	439	428	5 1				1.03	488	.94	1.58
1979	5 27 19:54	484	478	476	488	5 27				1.02	513	.94	1.64
1972	4 30 23:11	433	357	402	399	5 1	-1			1.09	426	1.02	.87
1973	4 23 7:46	388	368	382	354	4 23				1.02	407	.95	1.61
1974	5 3 23:28	317	289	306	276	5 4	-1			1.04	329	.96	1.36
1975	5 7 6:00	419	408	413	379	5 7				1.01	432	.97	1.53
1976	4 20 7:25	759	597	643	643	4 19	1			1.18	666	1.14	.33
1977	NO DATA							501	84 23				
1978	NO DATA							228	85 16				
1979	5 11 20:27	609	434	589	569	5 11				1.03	676	.98	1.63

02AA001 PIGEON RIVER AT MIDDLE FALLS

DRAINAGE AREA 1550 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1921-79

RECORDING GAUGE 1924-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1924	5 19 99:99	98.3	78.7	98.0	78.7	5 19				1.00	101	.97	1.19
1925	4 24 18:00	191	23.1	133	82.4	4 24				1.14	213	.71	1.63
1926	4 21 99:99	103	85.0	98.0	82.4	4 22	-1			1.14	96.3	1.07	.65
1927	4 19 99:99	209	156	200	165	4 20	-1			1.05	230	.88	1.02
1928	4 4 99:99	176	85.0	169	142	4 4				1.07	216	.81	1.69
1929	NO DATA							70.8	04 06				
1930	11 21 99:99	215	89.5	200	189	11 21				1.08	300	.71	1.74
1931	NO DATA							43.9	11 21				
1932	NO DATA							105	11 10				
1933	NO DATA							123	04 19				
1934	5 6 19:30	311	249	343	229	5 5	1			1.03	367	.85	1.78
1935	NO DATA							151	04 28				
1936	NO DATA							209	05 07				
1937	NO DATA							163	04 26				
1938	4 29 0:00	136	111	125	82.7	4 29				1.09	153	.89	1.44
1939	NO DATA							138	04 30				
1940	5 20 20:15	103	88.6	94.3	72.6	5 21	-1			1.09	107	.95	1.22
1941	4 14 99:99	165	125	148	145	4 14				1.11	161	1.02	.87
1942	4 16 19:00	117	82.3	99.7	99.7	4 16		102	05 02	1.17	118	.99	1.04
1943	4 24 1:00	103	79.3	96.8	94.8	4 24				1.06	106	.96	1.24
1944	6 5 14:00	129	73.3	119	113	6 5		122	05 13	1.08	144	.89	1.44
1945	3 28 3:30	180	142	161	136	3 28				1.12	183	.98	1.87
1946	3 29 99:99	94.8	91.0	73.6	71.4	3 28	1	79.9	10 11	1.28	86.8	1.09	.76
1947	6 12 99:99	184	156	178	167	6 12				1.03	194	.95	1.47
1948	4 27 23:30	283	223	281	282	4 28	-1			1.01	349	.81	1.94
1949	4 14 0:10	94.8	96.8	85.8	82.7	4 13	1			1.11	108	.93	1.27
1950	5 11 23:00	209	195	204	181	5 12	-1			1.01	224	.93	1.71
1951	5 2 20:30	212	195	206	200	5 2				1.03	214	.99	1.17
1952	4 19 23:30	139	105	118	99.7	4 20	-1			1.18	133	1.04	.85
1953	5 31 16:00	118	58.0	104	100	5 31				1.09	133	.89	1.43
1954	5 1 18:15	262	220	224	195	5 2	-1			1.17	260	1.01	.98
1955	4 20 19:30	98.8	76.7	85.5	85.5	4 19	1			1.05	89.9	1.08	.99
1956	5 14 4:00	119	104	115	101	5 14				1.03	127	.93	1.12
1957	4 25 20:00	156	129	150	144	4 25				1.05	163	.97	1.26
1958	NO DATA							44.5	11 08				
1959	5 7 7:00	61.2	47.0	59.7	47.8	5 7				1.03	72.4	.85	1.79
1960	4 25 1:00	88.9	76.5	83.8	68.8	4 25				1.06	95.4	.93	1.39
1961	4 21 19:00	180	84.4	92.3	75.9	4 22	-1			1.00	184	.96	1.22
1962	4 29 4:00	44.7	37.9	42.2	35.4	4 29		43.3	05 16	1.06	47.8	.94	1.30
1963	6 20 3:00	88.7	51.3	75.8	59.2	6 20				1.00	94.7	.85	1.55
1964	5 6 2:30	234	113	192	159	5 6				1.22	248	.94	1.14
1965	4 30 20:30	124	91.4	119	110	4 30				1.04	133	.93	1.48
1966	5 19 20:30	115	109	114	110	5 19				1.01	110	.97	1.64
1967	4 17 10:30	113	98.8	106	91.2	4 10	-1			1.07	116	.97	1.22
1968	6 17 1:00	103	83.8	97.4	79.6	7 17				1.06	113	.91	1.48
1969	4 22 22:45	133	116	129	126	4 22				1.03	137	.97	1.33
1970	4 30 20:00	164	120	159	152	4 30				1.03	102	.90	1.64

02AA001 PIGEON RIVER AT MIDDLE FALLS

1971	4 20 99:99	143	126	137	131	4 21	-1			1.84	145	.98	1.17
1972	5 2 11:00	137	115	133	127	5 2				1.83	145	.94	1.58
1973	4 22 6:00	98.6	80.1	85.8	74.8	4 22				1.86	94.2	.96	1.27
1974	5 11 19:30	132	77.9	120	101	5 12	-1			1.10	150	.88	1.44
1975	4 27 22:30	101	93.4	94.3	87.5	4 28	-1			1.07	98.1	1.03	.73
1976	4 18 20:30	183	146	172	169	4 17	1			1.06	186	.98	1.14
1977	NO DATA							216	09 09				
1978	NO DATA							91.5	05 09				
1979	5 11 19:00	212	159	206	187	5 11				1.03	239	.89	1.69

02FD001 PINE RIVER AT LURGAN

NATURAL FLOW

DRAINAGE AREA 154 SQ KM

PERIOD OF RECORD 1974-79

RECORDING GAUGE 1974-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PE/K INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1974	4 4 6:10	184	9.94	46.2	8.78	4 4				2.25	83.8	1.25	.78
1975	12 15 8:52	74.5	11.4	41.9	8.18	12 15				1.78	74.1	1.81	.99
1976	3 21 2:17	123	18.1	56.1	52.7	3 20	1			2.19	88.6	1.52	.54
1977	3 13 9:35	196	56.9	133	36.8	3 13				1.47	219	.89	1.16
1978	4 1 19:30	38.5	9.80	28.9	22.6	4 1				1.33	41.6	.93	1.14
1979	3 5 0:52	127	40.0	64.7	22.9	3 5				1.96	97.9	1.30	.78

02AA002 PINE RIVER NEAR CROOKS

NATURAL FLOW

DRAINAGE AREA 389 SQ KM

PERIOD OF RECORD 1972-78

RECORDING GAUGE 1973-78

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1973	11 21 16:30	92.3	1.15	52.4	46.4	11 21				1.76	81.0	1.14	.84
1974	5 11 22:18	63.1	31.1	45.6	33.7	5 12	-1	47.0	04 26	1.38	58.8	1.07	.86
1975	4 25 22:57	68.2	56.9	62.9	59.7	4 25				1.08	67.5	1.01	.93
1976	4 16 12:00	127	114	116	104	4 17	-1			1.09	123	1.03	.78
1977	NO DATA							198	09 10				
1978	6 26 2:05	91.5	8.78	69.1	45.3	6 26				1.32	111	.82	1.38

02ED103 PINE RIVER NEAR EVERET

DRAINAGE AREA 194 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1967-79

RECORDING GAUGE 1970-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1970	4 18 5:00	15.1	8.86	13.0	8.78	4 18				1.16	17.2	.88	1.33
1971	4 13 13:00	23.8	15.2	21.9	14.9	4 13				1.09	20.8	.83	1.57
1972	4 19 10:23	19.7	14.5	17.0	11.0	4 19				1.16	21.3	.93	1.22
1973	4 2 12:24	16.1	11.7	15.1	13.0	4 2				1.07	17.9	.90	1.47
1974	3 5 14:25	38.2	17.3	24.4	22.9	3 5				1.57	28.7	1.33	.48
1975	4 19 21:28	24.1	6.60	19.3	16.1	4 19				1.25	27.3	.88	1.25
1976	3 21 17:28	39.4	14.8	32.6	19.5	3 21				1.21	48.1	.82	1.39
1977	NO DATA							15.3	83 10				
1978	4 20 18:48	12.4	10.0	12.2	10.0	4 20				1.02	14.4	.86	1.83
1979	NO DATA							22.2	84 14				

04FA003 PINEIMUTA RIVER AT EYES LAKE

DRAINAGE AREA 4900 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1966-79

RECORDING GAUGE 1969-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1969	7 2 20:00	311	300	309	309	7 2				1.01	313	.99	1.38
1970	9 13 22:20	215	210	214	210	9 13				1.00	218	.99	1.60
1971	5 11 16:40	354	345	351	348	5 11				1.01	355	1.00	1.20
1972	5 6 10:20	231	227	231	228	5 6				1.00	234	.99	2.00
1973	5 12 4:30	251	245	251	250	5 11	1			1.00	254	.99	2.00
1974	NO DATA							343	05 26				
1975	5 9 18:34	214	212	213	212	5 9				1.00	214	1.00	1.00
1976	4 26 12:50	165	163	165	165	4 26				1.00	166	.99	2.00
1977	4 25 13:40	162	158	161	161	4 25				1.01	162	1.00	1.20
1978	5 15 21:41	283	278	282	281	5 15				1.00	284	.99	1.43
1979	NO DATA							256	89 11				

05PC011 PINEWOOD RIVER NEAR PINEWOOD

DRAINAGE AREA 461 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1951-79

RECORDING GAUGE 1958-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1958	7 17 8:20	22.7	22.1	22.7	14.8	7 17				1.00	27.0	.84	2.00
1959	4 10 3:00	18.2	16.7	16.9	14.1	4 10				1.08	18.4	.99	1.07
1960	4 17 10:30	16.6	9.63	14.8	14.3	4 15	2			1.12	17.6	.94	1.22
1961	4 23 0:00	14.9	12.4	14.6	14.6	4 22	1			1.02	15.7	.95	1.57
1962	5 24 7:00	65.7	49.6	61.2	58.4	5 24				1.07	69.4	.95	1.29
1963	6 2 22:00	54.4	46.2	48.1	35.1	6 3	-1			1.13	55.6	.98	1.08
1964	5 8 14:00	46.4	40.8	43.0	43.0	5 7	1			1.08	44.1	1.05	.49
1965	NO DATA							34.3	04 19				
1966	4 18 4:00	62.0	57.2	60.6	51.3	4 18				1.02	66.9	.93	1.64
1967	4 22 15:30	69.4	53.2	66.8	55.2	4 22				1.04	79.4	.87	1.66
1968	8 26 1:00	64.6	51.5	56.9	34.8	8 26				1.14	70.7	.91	1.28
1969	4 15 14:00	51.8	45.9	51.5	43.0	4 15				1.01	58.6	.88	1.92
1970	4 28 22:30	49.0	45.9	47.3	45.9	4 29	-1			1.04	48.7	1.01	.98
1971	NO DATA							23.3	04 14				
1972	NO DATA							27.4	04 23				
1973	10 12 6:00	21.0	14.8	20.4	19.1	10 12				1.03	23.9	.88	1.70
1974	6 8 10:49	46.7	34.3	43.0	35.7	6 8		43.9	04 22	1.09	51.0	.92	1.37
1975	4 26 4:00	47.9	45.9	46.7	41.9	4 26				1.03	49.5	.97	1.48
1976	NO DATA							12.6	04 11				
1977	6 1 4:25	16.4	12.1	15.7	14.1	6 1				1.04	18.3	.90	1.58
1978	6 1 14:30	52.4	36.5	58.4	45.0	6 1				1.04	60.1	.87	1.66
1979	NO DATA							104	04 25				

05PB015 PIPESTONE RIVER ABOVE RAINY LAKE

DRAINAGE AREA 443 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1963-79

RECORDING GAUGE 1978-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1978	6 2 8:20	22.6	20.5	22.3	21.7	6 2				1.01	23.5	.96	1.60
1979	NO DATA												

04DA801 PIPESTONE RIVER AT KARL LAKE

DRAINAGE AREA 5960 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1966-79

RECORDING GAUGE 1969-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1969	9 1 12:05	309	306	309	306	9 1				1.00	312	.99	2.00
1970	5 13 3:36	183	182	183	182	5 12	1			1.00	184	.99	2.00
1971	5 10 13:55	331	323	331	328	5 10				1.00	336	.98	2.00
1972	5 18 12:34	253	252	253	251	5 13				1.00	254	.99	2.00
1973	5 13 4:47	169	166	168	168	5 12	1			1.01	169	1.00	1.00
1974	6 13 12:49	413	411	413	402	6 13				1.00	419	.98	2.00
1975	5 13 8:13	236	235	235	234	5 12	1	235	05 11	1.00	235	1.00	.67
1976	5 16 18:35	162	158	161	161	5 15	1			1.01	162	1.00	1.20
1977	5 2 5:21	144	141	143	137	5 2				1.01	147	.98	1.60
1978	5 16 15:58	294	283	292	292	5 16				1.01	296	.99	1.38
1979	5 23 2:53	234	227	233	233	5 22	1			1.00	236	.99	1.50

04HD804 PORCUPINE RIVER AT HOYLE

DRAINAGE AREA 401 SQ KM

REGULATED

PERIOD OF RECORD 1977-79

RECORDING GAUGE 1978-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1978	5 14 8:11	52.1	50.7	51.8	49.6	5 14				1.01	53.4	.97	1.69
1979	4 27 17:13	82.6	81.0	82.3	80.6	4 27				1.00	93.8	.88	1.95

05PC018 RAINY RIVER AT MANITOU RAPIDS

DRAINAGE AREA 50200 SQ KM

REGULATED

PERIOD OF RECORD 1928-79

RECORDING GAUGE 1930-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1930	5 14 99:99	558	521	555	541	5 14				1.01	579	.96	1.78
1931	6 17 23:00	345	256	337	386	6 17				1.02	393	.88	1.75
1932								445	11 12				
1933		NO DATA						960	04 22				
1934		NO DATA						750	06 13				
1935		NO DATA						864	07 09				
1936		NO DATA						657	04 20				
1937	4 28 3:00	1170	1090	1160	1130	4 28				1.01	1210	.97	1.67
1938	5 8 7:00	1850	1820	1840	1810	5 8				1.01	1865	.99	1.43
1939		NO DATA						984	04 27				
1940	5 3 5:00	869	804	858	884	5 3				1.01	912	.95	1.66
1941	10 10 10:00	1390	1340	1380	1380	10 10				1.01	1400	.99	1.33
1942		NO DATA						1020	09 02				
1943	6 7 4:15	1350	1310	1340	1300	6 7				1.01	1375	.98	1.56
1944		NO DATA						1350	06 08				
1945	3 28 7:03	1070	1030	1050	997	3 29	-1			1.02	1086	.98	1.29
1946	3 28 15:00	773	623	753	699	3 28				1.03	845	.91	1.64
1947	6 13 19:30	1530	1440	1529	1490	6 13				1.01	1575	.97	1.69
1948		NO DATA						1260	04 28				
1949		NO DATA						997	07 10				
1950	5 12 9:00	2030	1990	2020	2020	5 11	1			1.00	2035	1.00	1.20
1951	5 5 18:00	1390	1270	1380	1270	5 5				1.01	1490	.93	1.83
1952	7 23 16:00	861	838	858	850	7 23				1.00	872	.99	1.65
1953	7 4 23:00	923	855	915	912	7 4				1.01	946	.98	1.59
1954	4 18 3:30	1170	988	1130	1060	4 18		1160	06 01	1.04	1236	.95	1.45
1955	7 5 9:00	694	671	685	637	7 5				1.01	716	.97	1.95
1956	4 22 4:00	1010	985	1010	974	4 22				1.00	1040	.97	2.00
1957	6 25 20:30	1280	1080	1260	1260	6 25				1.02	1350	.95	1.64
1958		NO DATA						317	07 18				
1959	9 10 3:30	507	479	504	484	9 10				1.01	526	.96	1.76
1960	6 13 4:30	646	569	634	629	6 12	1			1.02	669	.97	1.49
1961	5 18 5:00	719	688	716	688	5 18				1.00	744	.97	1.81
1962	5 26 4:00	1560	1530	1550	1490	5 26				1.01	1590	.98	1.60
1963	6 28 13:00	835	824	833	830	6 28				1.00	839	1.00	1.50
1964	6 26 3:00	1350	1290	1350	1320	6 26				1.00	1395	.97	2.00
1965	6 10 0:30	1870	1040	1870	1060	6 9	1			1.00	1898	.98	2.00
1966	4 27 4:30	1510	1480	1500	1450	4 27				1.01	1535	.98	1.56
1967	5 5 8:30	960	937	951	929	5 5				1.01	969	.99	1.33
1968		NO DATA						1310	07 19				
1969	4 18 6:30	1650	1620	1640	1570	4 18				1.01	1685	.98	1.64
1970	6 15 0:	1610	1590	1610	1510	6 15				1.00	1670	.96	2.00
1971	11 3 1:00	1350	1320	1340	1310	11 3				1.01	1365	.99	1.43
1972		NO DATA						1010	04 22				
1973		NO DATA						618	10 15				
1974	6 18 99:99	1740	1710	1730	1620	6 18				1.01	1795	.97	1.73
1975	5 1 6:30	1490	1460	1490	1460	5 1				1.00	1520	.98	2.00
1976	4 9 1:00	753	725	736	697	4 9				1.02	761	.99	1.19

05PC016 RAINY RIVER AT MANITOU RAPICS

1977	9 28	7:00	1270	1250	1270	1250	9 28			1.00	1290	.98	2.00
1978	6 3	3:30	1210	1180	1230	1150	6 3			1.01	1235	.98	1.56
1979	4 26	99:99	1730	1660	1720	1680	4 26			1.01	1770	.98	1.67

02MC001 RAISIN RIVER NEAR WILLIAMSTOWN

DRAINAGE AREA 484 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1960-79

RECORDING GAUGE 1969-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1969	4 7 20:20	74.2	56.1	63.4	60.9	4 7				1.17	60.3	1.09	.62
1970	4 18 3:30	99.1	70.5	93.2	75.0	4 18				1.06	113	.87	1.55
1971	4 28 21:50	99.7	94.0	96.0	93.7	4 28				1.04	98.1	1.02	.74
1972	4 18 3:55	102	83.7	93.7	91.2	4 18				1.09	101	1.01	.97
1973	NO DATA							7590					
1974	NO DATA							60.0					
1975	NO DATA							101					
1976	NO DATA							92.0					
1977	NO DATA							97.1					
1978	4 14 19:30	117	83.5	107	106	4 14				1.09	119	.98	1.18
1979	3 25 1:59	75.8	69.5	74.4	61.8	3 25				1.02	83.2	.91	1.72

02HA014 REDHILL CREEK AT HAMILTON

DRAINAGE AREA 68.9 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1977-79

RECORDING GAUGE 1978-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1978	3 21 11:46	31.4	5.41	28.2	9.74	3 21				1.55	32.8	.96	1.86
1979	12 25 18:03	28.1	4.25	17.8	4.52	12 25				1.58	31.2	.90	1.13

02MC039 REESOR CREEK ABOVE GREEN RIVER

REGULATED

DRAINAGE AREA 36.3 SQ KM

PERIOD OF RECORD 1974-79

RECORDING GAUGE 1976-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1976	3 21 3:55	10.2	4.22	7.36	1.91	3 21				1.39	11.7	.88	1.20
1977	3 13 6:30	9.46	2.70	6.57	2.15	3 13				1.44	10.7	.88	1.18
1978	5 14 15:01	8.58	.628	4.22	1.85	5 14		6.68	84 07	2.03	7.21	1.19	.81
1979	3 14 5:58	8.68	1.89	4.87	1.28	3 14				1.77	8.68	1.00	1.00

02LA005 RIDEAU RIVER ABOVE SMITH FALLS

REGULATED

DRAINAGE AREA 1298 SQ KM

PERIOD OF RECORD 1978-79

RECORDING GAUGE 1972-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1972	4 27 10:15	125	118	122	108	4 27		98.3	84 07	1.02	131	.95	1.90
1973	NO DATA												
1974	4 9 20:25	94.9	87.6	90.6	82.1	4 9		76.2	84 25	1.05	96.2	.99	1.14
1975	NO DATA												
1976	4 4 21:15	77.6	72.2	77.0	77.0	4 3	1	42.3	84 08	1.01	79.4	.98	1.68
1977	NO DATA												
1978	4 26 9:50	57.8	53.8	56.1	55.5	4 26				1.03	57.6	1.00	.92
1979	4 6 6:20	42.4	39.4	41.4	40.9	4 6				1.02	42.7	.99	1.11

02LA004 RIDEAU RIVER AT OTTAWA

DRAINAGE AREA 3630 SQ KM

REGULATED

PERIOD OF RECORD 1966-79

RECORDING GAUGE 1971-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1971	4 19 0:30	513	484	496	473	4 19				1.03	513	1.00	1.01
1972	4 28 14:30	570	538	535	498	4 21	-1			1.06	556	1.04	.66
1973	3 18 2:00	464	377	447	411	3 18				1.04	500	.93	1.91
1974	NO DATA							396	84 06				
1975	4 19 18:20	413	369	394	360	4 20	-1			1.05	425	.97	1.20
1976	3 28 4:20	597	527	583	569	3 28				1.02	618	.97	1.43
1977	3 16 4:24	478	416	467	462	3 15	1			1.01	496	.96	1.69
1978	4 14 22:09	527	416	487	484	4 14				1.00	524	1.01	.96
1979	3 29 20:26	423	334	403	391	3 25				1.05	448	.94	1.39

02CC005 ROCHESTER CREEK ABOVE QUIRKE LAKE

DRAINAGE AREA 99.5 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1977-79

RECORDING GAUGE 1978-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1978	5 15 20:12	18.8	8.13	9.34	9.83	5 15				1.87	18.1	.99	1.87
1979	NO DATA							18.3	84 28				

02HB008 ROGERS CREEK AT NORVAL

NATURAL FLOW

DRAINAGE AREA 127 SQ KM

PERIOD OF RECORD 1961-78

RECORDING GAUGE 1963-78

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1963	3 20 11:00	18.7	9.29	16.7	13.1	3 26				1.12	22.2	.84	1.47
1964	4 29 17:00	6.86	4.82	5.27	3.82	4 30	-1			1.15	6.62	.92	1.26
1965	2 18 16:15	24.2	5.15	12.5	10.1	2 11	-1			1.94	17.4	1.39	.59
1966	12 6 2045	6.51	3.96	5.52	3.31	12 6				1.18	7.41	.88	1.31
1967	4 3 13:30	17.8	6.88	14.8	6.88	4 3				1.20	22.8	.78	1.45
1968	2 2 19:30	12.2	2.29	9.26	6.88	2 2				1.32	14.8	.87	1.23
1969	7 28 13:17	32.6	2.18	5.64	1.44	7 26		8.41	83 25	5.78	9.51	3.43	.25
1970	9 26 17:13	9.12	.564	1.39	1.88	9 26		8.18	84 89	6.56	2.88	4.96	.15
1971	6 13 17:02	9.32	1.91	4.84	3.28	6 14	-1	8.18	84 18	1.93	7.13	1.31	.68
1972	4 14 0155	19.5	12.6	18.8	16.4	4 14				1.18	21.5	.91	1.48
1973	3 12 13:02	13.5	7.82	12.3	7.98	3 12				1.18	16.7	.81	1.97
1974	5 17 7:57	23.2	5.72	18.7	18.1	5 17				1.24	29.5	.79	1.41
1975	4 19 14:29	19.1	5.38	15.2	10.9	4 19				1.26	22.3	.86	1.29
1976	3 21 14:38	18.8	11.1	16.4	9.28	3 21				1.15	22.7	.83	1.48
1977	3 13 14:48	16.8	8.89	14.4	11.4	3 13				1.11	18.7	.86	1.45
1978	4 2 20:38	11.7	7.62	9.37	6.25	4 2				1.25	11.5	1.02	.96

02CA002 ROOT RIVER AT SAULT STE. MARIE

NATURAL FLOW

DRAINAGE AREA 188 SQ KM

PERIOD OF RECORD 1971-79

RECORDING GAUGE 1971-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1971	12 11 0143	24.2	2.38	17.9	7.62	12 11		23.6	84 28	1.35	30.8	.79	1.34
1972	5 3 1128	28.8	24.5	24.8	17.2	5 3				1.13	28.8	.97	1.18
1973	11 22 2186	19.9	6.28	15.5	8.67	11 22		16.2	83 12	1.28	23.6	.84	1.29
1974	4 22 9198	28.3	19.8	19.3	15.4	4 22				1.85	23.4	.87	1.61
1975	5 1 12:07	42.2	18.2	35.7	28.8	5 1				1.18	82.8	.81	1.44
1976	NO DATA							28.8	84 17				
1977	4 18 22:15	29.4	22.8	23.4	21.1	4 19	-1			1.26	24.9	1.18	.29
1978	9 3 19:34	33.7	16.4	18.9	18.7	9 4	-1			1.99	28.3	1.66	.33
1979	4 25 20:38	95.7	33.9	42.2	23.6	4 26	-1			1.32	95.7	1.88	1.88

04CA003 ROSEBERRY RIVER ABOVE ROSEBERRY LAKES

NATURAL FLOW

DRAINAGE AREA 619 SQ KM

PERIOD OF RECORD 1967-79

RECORDING GAUGE 1978-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1978	5 9 14:00	25.4	24.1	25.2	24.9	5 9				1.01	25.9	.98	1.96
1971	4 25 17:49	36.2	33.7	35.4	34.8	4 25				1.02	36.6	.99	1.10
1972	5 4 16:32	49.8	45.6	48.1	47.6	5 4				1.04	49.6	1.00	.94
1973	5 18 19:49	38.3	29.7	38.3	38.0	5 18				1.00	38.8	.99	2.00
1974	6 18 0:55	39.9	36.2	39.6	37.9	6 18				1.01	42.2	.95	1.79
1975	6 6 17:55	32.3	30.9	31.7	30.2	6 6				1.02	32.8	.98	1.29
1976	5 3 11:01	18.9	18.4	18.5	14.0	5 3				1.02	18.8	1.01	.86
1977	4 26 2:00	24.1	23.1	23.4	23.4	4 27	1			1.03	23.6	1.02	.35
1978	5 7 19:20	29.2	27.1	27.7	27.3	5 7				1.05	28.2	1.04	.98
1979	5 21 20:36	31.9	31.3	31.5	30.2	5 21				1.01	32.1	.99	1.28

02HC022 ROUGE RIVER NEAR MARKHAM

REGULATED

DRAINAGE AREA 166 SQ KM

PERIOD OF RECORD 1961-79

RECORDING GAUGE 1962-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1962	3 19 22:00	9.46	2.87	2.87	2.87	3 19		6.46	03 25	4.57	2.87	4.57	0.00
1963	4 26 4:30	15.6	2.84	2.22	1.61	4 25	1	12.5	03 25	7.03	2.62	9.97	.86
1964	1 26 9:00	10.7	6.77	9.37	2.83	1 26				1.14	13.9	.77	1.95
1965	2 10 20:30	45.9	7.88	27.2	15.6	2 10				1.69	43.1	1.07	.92
1966	3 1 13:30	28.4	.714	14.3	6.28	3 1				1.43	25.1	.01	1.28
1967	12 22 0:00	32.6	8.92	19.1	3.91	12 22				1.71	32.8	1.02	.98
1968	2 2 12:20	53.2	4.93	28.9	17.6	2 2				1.84	48.5	1.14	.84
1969	4 18 21:59	36.9	2.42	22.2	12.9	4 18				1.66	36.7	1.00	1.00
1970	4 4 1:19	18.2	5.92	12.5	10.4	4 3	1			1.46	16.8	1.08	.86
1971	4 2 11:47	48.2	18.5	34.8	18.5	4 2				1.16	55.1	.73	1.98
1972	4 11 22:53	48.4	38.6	39.1	25.8	4 13	-2			1.24	50.4	.96	1.10
1973	3 12 0:50	48.2	11.6	18.5	9.24	3 12		18.9	04 03	2.17	28.6	1.41	.83
1974	3 9 12:37	45.3	18.6	37.7	11.9	3 9				1.28	64.2	.71	1.95
1975	2 24 19:53	68.9	8.17	29.2	28.3	2 24				2.89	41.2	1.48	.95
1976	NO DATA							18.7	03 21				
1977	3 13 14:01	46.4	8.69	29.4	18.6	3 13				1.58	49.2	.94	1.87
1978	4 1 22:15	45.6	18.4	33.1	22.1	4 1				1.38	47.8	.97	1.85
1979	12 25 19:39	46.1	8.25	36.2	14.7	12 25				1.27	60.9	.76	1.43

08GH002 RUSCOM RIVER NEAR RUSCOM STATION

NATURAL FLOW

DRAINAGE AREA 126 SQ KM

PERIOD OF RECORD 1971-79

RECORDING GAUGE 1972-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1972	4 16 19:51	27.1	3.03	11.8	10.5	4 16		10.7	12 13	2.30	16.8	1.61	.58
1973	3 11 19:24	32.0	5.15	28.5	10.4	3 11				1.56	33.2	.96	1.05
1974	3 5 5:54	45.0	11.1	24.6	6.86	3 5				1.83	48.4	1.11	.88
1975	1 11 8:06	48.1	23.8	23.8	9.64	1 11		26.4 37.9	02 24 02 17	2.02	32.9	1.46	.94
1976	NO DATA												
1977	9 26 17:03	94.8	1.14	68.3	24.7	9 26				1.56	186	.88	1.10
1978	3 21 14:00	102	25.8	57.2	27.9	3 21				1.70	88.8	1.16	.81
1979	4 14 6:41	56.7	11.8	44.7	7.27	4 14				1.27	79.9	.71	1.49

04CD001 SACHIGO RIVER BELOW BEAVERSTONE RIVER

DRAINAGE AREA 21000 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1966-77

RECORDING GAUGE 1969-77

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1964	10 10 21:00	348	334	345	345	10 9	1			1.01	360	.99	1.29
1965		NO DATA						765	05 16				
1966		NO DATA						600	05 07				
1967		NO DATA						1190	05 11				
1968		NO DATA						869	05 13				
1969		NO DATA											
1970	6 13 23:07	569	561	564	544	6 14	-1			1.01	575	.99	1.39
1971	6 5 11:23	595	578	592	592	6 5				1.01	599	.99	1.48
1972		NO DATA						488	05 16				
1973		NO DATA						374	06 27				
1974		NO DATA											
1975		NO DATA											

04CD002 SACHIGO RIVER BELOW OUTLET OF SACHIGO LAKE

DRAINAGE AREA 4279 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1970-79

RECORDING GAUGE 1971-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1971	5 26 12:04	92.9	89.8	90.9	90.6	5 26		91.5	05 23	1.02	91.6	1.01	.52
1972	5 30 17:55	77.8	69.9	73.9	69.1	5 30				1.04	78.3	.98	1.17
1973	6 4 21:27	111	108	110	105	6 4				1.01	113	.98	1.96
1974	6 25 10:13	90.8	89.5	89.8	87.8	6 25				1.00	91.8	.99	1.78
1975	6 8 2:48	110	108	109	108	6 8				1.01	110	1.00	1.00
1976	6 28 18:55	48.7	45.8	46.7	45.6	6 28				1.04	48.1	1.01	.82
1977		NO DATA											
1978	11 5 5:15	58.7	45.6	47.9	47.0	11 5		50.1	11 07	1.06	49.1	1.03	.98
1979	6 6 21:50	61.4	56.5	59.1	56.9	6 6				1.04	61.7	1.00	1.06

02HM003 SALMON RIVER NEAR SHANNONVILLE

REGULATED

DRAINAGE AREA 491 SQ KM

PERIOD OF RECORD 1958-79

RECORDING GAUGE 1969-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q7	DATE OF Q2	PEAK INDEX	QD	DATE OF QC	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1965	11 27 14:00	62.3	48.1	44.7	44.2	11 28	-1	91.5	04 13	1.26	91.8	1.22	.32
1966	12 11 6:00	92.4	36.5	43.8	48.2	12 11				1.22	47.7	1.16	.66
1967	4 3 5:00	64.8	39.4	49.8	46.4	4 3				1.31	95.1	1.16	.98
1968	3 19 21:30	98.8	51.8	55.5	51.3	3 20	-1			1.05	89.5	.98	1.22
1969	4 19 12:30	82.1	66.3	67.7	63.1	5 28	-1	69.9	03 29	1.21	78.7	1.16	.34
1970	3 27 9:12	47.9	39.7	43.8	39.9	3 27				1.11	48.2	.99	1.03
1971	4 14 4:41	79.3	79.3	77.9	71.9	4 14				1.02	82.2	.96	1.91
1972	4 19 23:00	73.3	69.1	71.1	66.8	4 16	-1			1.03	74.7	.98	1.23
1973	3 18 1:96	78.7	68.8	75.8	71.1	3 18				1.05	84.8	.93	1.44
1974	4 9 11:30	81.3	78.2	88.1	68.8	4 9				1.01	91.1	.89	1.88
1975	3 28 18:03	78.2	36.8	71.6	69.4	3 28				1.09	92.1	.86	1.91
1976	3 26 3:14	89.2	81.8	86.4	81.8	3 26				1.03	91.4	.98	1.28
1977	NO DATA							66.8	03 14				
1978	4 1 22:44	74.8	59.2	66.8	63.4	4 2	-1			1.10	78.7	.98	1.12
1979	4 3 2:30	71.7	56.2	66.6	64.8	4 3		66.9	04 06	1.05	78.7	.99	1.39

02FA001 SAUBLE RIVER AT SAUBLE FALLS

NATURAL FLOW

DRAINAGE AREA 927 SQ KM

PERIOD OF RECORD 1967-79

RECORDING GAUGE 1967-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q7	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1967	4 1 18:00	163	189	172	170	4 1				1.04	209	.89	1.98
1968	2 4 9:00	99.1	89.2	92.9	73.3	2 4				1.07	104	.95	1.31
1969	4 6 11:00	104	81.3	102	90.9	4 6				1.02	117	.88	1.78
1970	4 16 9:43	122	116	120	106	4 16				1.02	129	.95	1.84
1971	4 13 11:00	126	107	121	117	4 13				1.04	138	.97	1.29
1972	4 16 1:30	140	113	142	142	4 15	1			1.04	156	.95	1.41
1973	1 1 23:50	86.4	68.8	88.7	88.7	1 1				1.07	87.1	.99	1.88
1974	4 9 3:00	80.9	72.9	84.4	66.3	4 9				1.05	99.4	.89	1.94
1975	4 28 0:30	125	104	132	111	4 28				1.02	156	.86	1.78
1976	3 22 12:00	194	127	158	129	3 22				1.03	172	.98	1.69
1977	3 16 17:00	203	177	198	174	3 16				1.03	228	.92	1.84
1978	4 8 17:23	92.3	78.2	98.9	84.1	4 8				1.02	108	.92	1.78
1979	3 29 13:11	116	100	114	104	3 29				1.02	126	.98	1.71

02FC016 SAUGEEN RIVER ABOVE DURHAM

DRAINAGE AREA 329 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1977-79

RECORDING GAUGE 1977-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1977	3 15 8:04	126	74.2	104	66.7	3 15				1.21	127	.99	1.03
1978	4 13 10:02	80.1	51.8	77.8	55.5	4 13				1.04	106	.88	1.77
1979	4 15 8:55	91.6	59.1	81.6	47.9	4 15				1.12	109	.84	1.48

02FC014 SAUGEEN RIVER NEAR DURHAM

DRAINAGE AREA 181 SQ KM

REGULATED

PERIOD OF RECORD 1972-77

RECORDING GAUGE 1972-77

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1972	4 19 15:09	106	68.5	100	86.9	4 19				1.06	122	.87	1.58
1973	3 13 6:54	54.9	39.4	51.8	34.8	3 13				1.06	66.9	.82	1.66
1974	4 5 12:03	88.1	49.3	75.8	50.4	4 5				1.17	102	.78	1.68
1975	4 21 5:33	101	83.8	89.2	78.9	4 21				1.13	101	1.00	1.01
1976	3 26 13:16	75.6	59.5	72.2	61.2	3 26				1.05	84.8	.98	1.95
1977	3 15 5:12	101	79.3	90.6	73.9	3 15				1.11	104	.96	1.16

02FC001 SAUGEEN RIVER NEAR PORT ELGIN

NATURAL FLOW

DRAINAGE AREA 3960 SQ KM

PERIOD OF RECORD 1911-79

RECORDING GAUGE 1956-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QC	DATE OF QC	QP/QC2	PREDICTED PEAK QPP	QP/QPP	K
1956	4 4 17:00	697	197	648	450	4 4				1.04	1012	.69	1.04
1957	12 21 10:00	377	167	351	240	12 21				1.07	478	.79	1.06
1958	3 31 0:01	225	207	213	205	3 31				1.07	214	1.05	.42
1959	4 6 1:30	580	515	527	487	4 6				1.10	953	1.05	.66
1960	4 3 21:00	722	495	680	674	4 3				1.06	820	.88	1.94
1961	3 7 1:30	328	207	257	169	3 7				1.22	326	1.01	.99
1962	3 30 2:30	569	365	467	374	3 30				1.08	972	.91	1.41
1963	3 30 7:00	883	697	819	631	3 30				1.26	344	.92	1.17
1964	3 5 23:50	317	73.6	251	242	3 5				1.11	698	.84	1.98
1965	4 12 14:00	753	396	688	527	4 12				1.56	347	1.16	.76
1966	2 11 11:30	402	113	258	225	2 12	-1	371	12 08	1.06	748	.89	1.94
1967	4 1 9:33	665	541	629	479	4 1				1.40	695	1.13	.78
1968	2 3 1:00	784	493	561	360	2 3				1.18	824	.85	1.49
1969	4 5 14:00	532	262	484	425	4 5				1.10	595	.98	1.88
1970	4 15 4:00	586	433	532	504	4 15		490	04 13				
1971	NO DATA							595	04 15				
1972	NO DATA												
1973	1 1 0:42	602	402	479	240	1 1				1.42	687	1.07	.88
1974	3 5 21:24	450	405	425	360	3 6	-1			1.06	467	.96	1.26
1975	4 21 4:29	694	631	671	515	4 21				1.03	764	.98	1.82
1976	3 21 8:55	495	382	750	547	3 21				1.19	1035	.86	1.33
1977	3 14 0:16	1100	790	1030	934	3 14				1.07	1198	.92	1.41
1978	4 13 8:09	371	325	362	328	4 13				1.02	397	.93	1.99
1979	4 16 2:01	572	527	548	397	4 16				1.04	634	.90	1.96

02FC002 SAUGEEN RIVER NEAR WALKERTON

DRAINAGE AREA 2150 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1912-79

RECORDING GAUGE 1952-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1952	4 2 13:00	292	190	276	231	4 2				1.06	341	.86	1.61
1953	3 16 18:00	153	112	148	130	3 16				1.03	175	.87	1.69
1954	NO DATA							428	10 17				
1955	NO DATA							197	04 03				
1956	NO DATA							368	04 07				
1957	NO DATA							180	12 22				
1958	NO DATA							107	04 03				
1959	4 6 17:00	309	232	281	270	4 6		283	04 09	1.10	311	.99	1.83
1960	4 4 17:00	428	303	411	371	4 4				1.04	485	.98	1.63
1961	NO DATA							115	03 29				
1962	NO DATA							253	03 31				
1963	3 30 22:00	382	348	368	251	3 31	-1			1.04	436	.88	1.66
1964	NO DATA							126	04 09				
1965	4 12 24:00	282	244	257	187	4 13	-1			1.10	298	.94	1.25
1966	12 9 1:00	205	185	192	135	12 9				1.07	224	.92	1.42
1967	4 3 22:00	317	270	289	263	4 3				1.10	311	1.02	.89
1968	2 3 3:30	263	162	213	164	2 3				1.23	263	1.00	1.00
1969	4 11 11:51	248	223	242	186	4 11				1.02	279	.89	1.72
1970	4 16 20:30	289	244	272	250	4 16				1.06	297	.97	1.19
1971	4 14 2:00	311	270	306	232	4 14				1.02	361	.86	1.83
1972	4 19 18:44	419	289	377	368	4 19				1.11	425	.98	1.87
1973	3 13 13:05	219	160	210	168	3 13				1.04	256	.86	1.67
1974	3 8 1:32	343	283	326	219	3 8				1.05	402	.85	1.64
1975	4 20 10:05	538	385	527	399	4 20				1.02	662	.81	1.85
1976	3 21 23:31	399	320	374	294	3 22	-1			1.07	441	.90	1.46
1977	3 14 12:00	507	337	490	408	3 14				1.03	687	.83	1.75
1978	4 12 17:50	260	153	246	239	4 12				1.06	296	.88	1.56
1979	4 15 5:43	442	306	425	312	4 15				1.04	541	.82	1.74

02GA037 SCHNEIDER CREEK AT KITCHENER

DRAINAGE AREA 25.1 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1971-79

RECORDING GAUGE 1972-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1972	6 21 12:21	12.4	.173	1.58	.280	6 21		3.77	03 22	7.85	2.93	4.23	.22
1973	7 14 11:37	7.16	.399	.923	.079	7 14		2.78	02 02	7.76	1.61	4.46	.20
1974	5 16 17:55	11.1	.968	3.31	3.28	5 16		4.30	01 27	3.35	4.50	2.47	.26
1975	8 24 4:22	24.7	.376	8.67	.855	8 24				2.85	16.9	1.46	.68
1976	7 7 16:14	16.7	.045	2.02	.278	7 7		4.56	03 05	8.27	3.88	4.31	.22
1977	8 16 18:09	23.9	.108	3.20	.411	8 16		5.30	03 13	7.47	6.14	3.89	.25
1978	5 20 16:09	8.72	.246	1.16	.311	5 20		3.54	04 11	7.52	2.04	4.27	.21
1979	8 23 21:08	12.1	.196	1.54	.642	8 23		5.99	03 04	7.86	2.66	4.55	.19

02EC010 SCHOMBERG RIVER NEAR SCHOMBERG

DRAINAGE AREA 51.3 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1966-79

RECORDING GAUGE 1967-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1967	12 22 1:20	11.2	1.98	5.47	.572	12 22				2.05	9.70	1.15	.85
1968	2 2 14:30	13.8	.793	7.08	6.23	2 2				1.95	10.6	1.30	.69
1969	3 21 0:36	13.3	3.17	5.80	2.00	3 21				2.29	9.82	1.48	.68
1970	4 8 19:16	6.60	3.48	3.54	1.58	4 9	-1			1.86	4.55	1.45	.50
1971	4 2 5:52	5.80	1.70	4.87	2.17	4 2				1.19	7.81	.74	1.52
1972	4 13 17:12	13.0	5.30	9.15	5.92	4 13				1.42	12.7	1.02	.96
1973	3 12 0:15	8.13	2.65	4.22	1.51	3 12				1.93	6.36	1.28	.71
1974	NO DATA							7.36	03 05				
1975	2 24 22:18	15.3	1.18	7.90	6.17	2 24				1.94	12.1	1.26	.73
1976	NO DATA							4.25	03 21				
1977	3 9 17:04	10.2	2.97	5.49	3.71	3 9				1.86	7.64	1.34	.83
1978	4 7 20:24	8.86	3.71	6.31	2.45	4 7				1.41	9.74	.91	1.15
1979	3 4 17:28	9.47	.203	4.40	4.10	3 4		4.97	12 25	2.14	6.65	1.41	.62

02CC006 SERPENT RIVER ABOVE QUIRKE LAKE

DRAINAGE AREA 157 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1967-79

RECORDING GAUGE 1978-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1970	6 2 11:30	28.6	19.8	27.8	23.8	6 2				1.03	33.8	.85	1.76
1971	NO DATA							5.89	12 16				
1972	NO DATA												
1973	5 4 5:59	9.97	8.81	9.71	8.78	5 4				1.03	18.6	.94	1.56
1974	4 24 1:15	16.8	15.1	15.5	14.2	4 24				1.03	16.4	.98	1.26
1975	NO DATA												
1976	NO DATA												
1977	NO DATA												
1978	10 8 12:13	13.4	11.9	13.3	12.2	10 8				1.01	14.6	.92	1.85
1979	4 28 21:16	17.2	16.3	16.9	16.6	4 28				1.02	17.3	1.00	1.00

02CC001 SERPENT RIVER AT HIGHWAY NO.17

DRAINAGE AREA 1350 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1966-79

RECORDING GAUGE 1967-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1967	5 4 4:00	152	146	150	144	5 4				1.01	155	.98	1.43
1968	NO DATA							62.9	04 06				
1969	4 17 20:00	83.3	80.7	82.4	81.8	4 17				1.01	83.6	1.00	1.12
1970	6 3 10:34	133	117	132	126	6 3				1.01	142	.93	1.83
1971	4 23 20:48	97.7	97.1	97.4	96.0	4 24	-1			1.00	98.3	.99	1.48
1972	5 4 20:33	144	135	143	143	5 4				1.01	147	.98	1.60
1973	4 4 16:02	59.2	57.2	58.9	57.8	4 4				1.01	60.3	.98	1.65
1974	4 19 11:24	102	99.4	102	100	4 19				1.00	104	.98	2.00
1975	5 2 22:36	106	102	105	105	5 2				1.01	106	1.00	1.20
1976	4 19 5:34	99.7	97.7	99.4	99.3	4 19				1.00	100	.99	1.65
1977	11 11 21:20	89.8	71.6	87.5	87.2	11 11				1.02	96.2	.93	1.62
1978	5 16 15:41	85.5	82.4	85.2	83.5	5 16				1.00	87.4	.98	1.76
1979	4 28 17:20	126	120	125	124	4 28				1.01	128	.98	1.58

02CD002 SERPENT RIVER AT OUTLET OF DUNLOP LAKE

REGULATED

DRAINAGE AREA 109 SQ KM

PERIOD OF RECORD 1977-79

RECORDING GAUGE 1978-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1978	10 6 21:36	10.2	6.77	9.88	9.00	10 7	-1			1.03	11.9	.86	1.72
1979	4 28 1:40	14.3	14.0	14.2	13.9	4 28				1.01	14.5	.99	1.43

02CD004 SERPENT RIVER BELOW PECORS LAKE

REGULATED

DRAINAGE AREA 567 SQ KM

PERIOD OF RECORD 1967-79

RECORDING GAUGE 1978-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1978	6 6 2:00	41.6	39.4	40.2	39.9	6 6				1.03	40.6	1.02	.96
1971	NO DATA												
1972	NO DATA												
1973	NO DATA												
1974	NO DATA												
1975	NO DATA												
1976	NO DATA												
1977	NO DATA												
1978	5 15 19:23	27.2	26.6	26.9	26.6	5 16	-1			1.01	27.2	1.00	1.00
1979	5 1 3:56	54.8	52.9	53.7	52.4	5 1				1.02	54.8	1.00	.98

02CC003 SERPENT RIVER BELOW QUIRKE LAKE

DRAINAGE AREA 319 SQ KM

REGULATED

PERIOD OF RECORD 1977-79

RECORDING GAUGE 1978-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1978	5 19 11:10	17.7	16.9	17.1	16.6	5 19				1.04	17.5	1.01	.74
1979	5 1 6:25	30.3	29.8	29.9	29.9	5 1				1.01	30.2	1.00	.77

02EC014 SEVERN RIVER ABOVE HASDELL FALLS

DRAINAGE AREA 5310 SQ KM

REGULATED

PERIOD OF RECORD 1976-79

RECORDING GAUGE 1978-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1978	4 15 0:01	160	155	159	159	4 14	1	159	04 15	1.01	161	.99	1.33
1979	NO DATA												

04CC001 SEVERN RIVERS AT LIMESTONE RAPIDS

DRAINAGE AREA 94300 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1978-79

RECORDING GAUGE 1975-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1975	8 5 0:56	2440	2400	2430	2390	8 5				1.00	2465	.99	1.56
1976	NO DATA												
1977	NO DATA							1380					
1978	NO DATA							1460					
1979	NO DATA							1270					

04CA002 SEVERN RIVER AT OUTLET OF MUSKRAT DAM LAKE

NATURAL FLOW

DRAINAGE AREA 36500 SQ KM

PERIOD OF RECORD 1965-79

RECORDING GAUGE 1978-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1970	7 8 17:00	770	748	759	753	7 8				1.01	767	1.00	.87
1971	NO DATA							680	05 12				
1972	5 22 20:53	722	714	716	708	5 22				1.01	721	1.00	.91
1973	5 24 0:00	648	629	637	631	5 23	1			1.00	644	.99	1.40
1974	6 19 12:06	697	685	694	685	6 19				1.00	703	.99	1.50
1975	6 27 10:43	691	680	685	665	6 27				1.01	697	.99	1.35
1976	5 15 16:00	379	360	371	371	5 15				1.02	376	1.01	.81
1977	10 24 19:10	262	262	272	263	10 24				1.04	283	1.00	1.05
1978	NO DATA							459	11 12				
1979	6 7 5:01	715	673	702	686	6 7				1.02	724	.99	1.27

04CA004 SEVERN RIVER BELOW OUTLET OF DEER LAKE

NATURAL FLOW

DRAINAGE AREA UNKNOWN

PERIOD OF RECORD 1967-79

RECORDING GAUGE 1968-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1968	7 14 12:45	84.4	79.8	80.7	79.3	7 14				1.05	82.3	1.03	.99
1969	NO DATA							144	10 12				
1970	NO DATA							57.8	01 01				
1971	5 27 6:06	68.8	66.5	67.4	66.5	5 27		67.7	05 21	1.02	68.3	1.01	.78
1972	5 22 23:20	82.4	79.6	81.0	81.0	5 22		81.8	05 26	1.02	81.7	1.01	.67
1973	5 20 15:24	67.4	66.8	67.1	67.1	5 20				1.00	67.2	1.00	.67
1974	6 1 10:05	71.6	69.7	71.1	70.0	6 1				1.01	72.0	1.00	1.26
1975	NO DATA							98.3	06 24				
1976	5 19 16:37	49.0	47.3	48.1	47.3	5 19				1.04	48.9	1.02	.64
1977	10 13 20:35	34.3	33.4	34.3	34.0	10 13		34.3	10 07	1.00	34.9	.98	2.00
1978	9 23 10:30	56.1	54.4	55.2	54.1	9 23				1.02	56.2	1.00	1.03
1979	NO DATA							182	05 28				

840C002 SHANATTAWA RIVER AT OUTLET OF SHANATTAWA LAKE

DRAINAGE AREA 4710 SQ KM — NATURAL FLOW

PERIOD OF RECORD 1966-79

RECORDING GAUGE 1972-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1972	5 17 99:99	263	244	243	255	5 17				1.08	276	.95	2.08
1973	5 24 20:49	530	527	538	524	5 24				1.08	534	.99	2.08
1974	6 23 8:57	243	239	249	239	6 22	1			1.01	241	1.01	.58
1975	NO DATA							243	05 07				
1976	NO DATA							348	05 19				
1977	4 28 12:28	136	133	135	134	4 28				1.01	136	1.00	1.28
1978	5 19 23:39	208	202	204	199	5 20	-1			1.02	207	1.00	.93
1979	4 25 16:00	399	357	384	348	4 25				1.04	415	.96	1.35

82EA012 SHAWANAGA RIVER AT HIGHWAY NO.69

DRAINAGE AREA 235 SQ KM — NATURAL FLOW

PERIOD OF RECORD 1974-78

RECORDING GAUGE 1974-78

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1974	4 16 3:46	48.1	45.6	47.3	43.6	4 16				1.02	50.8	.96	1.54
1975	4 25 14:56	37.9	35.1	37.7	37.1	4 25				1.01	39.3	.96	1.78
1976	4 2 2:34	37.1	36.8	36.5	34.3	4 2				1.02	37.9	.98	1.38
1977	NO DATA							22.1	84 05				
1978	4 21 18:12	27.8	27.1	27.8	27.4	4 21				1.00	28.4	.98	2.08

82A0809 SHERANDOAH RIVER AT SUNSHINE

REGULATED

DRAINAGE AREA 2680 SQ KM

PERIOD OF RECORD 1970-79

RECORDING GAUGE 1971-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1971	5 25 22:49	222	143	218	204	5 25				1.06	244	.91	1.48
1972	5 2 8:07	201	192	195	169	5 2				1.03	289	.96	1.41
1973	4 22 4:17	184	97.4	103	91.7	4 22				1.01	111	.93	1.79
1974	4 28 9:39	131	124	126	110	4 28				1.04	135	.97	1.29
1975	4 26 5:48	98.6	83.5	88.9	88.1	4 26		69.5	04 28	1.02	92.8	.98	1.29
1976	4 16 22:06	297	278	279	247	4 17	-1			1.06	299	.99	1.86
1977	9 10 9:13	240	183	234	199	9 10				1.03	277	.87	1.76
1978	NO DATA							149	06 04				
1979	5 11 16:40	284	135	197	184	5 11				1.04	234	.87	1.69

84JC003 SHEKAK RIVER AT HIGHWAY NO.11

NATURAL FLOW

DRAINAGE AREA 3290 SQ KM

PERIOD OF RECORD 1950-79

RECORDING GAUGE 1969-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1965	5 11 16:00	185	181	184	181	5 11				1.01	187	.99	1.58
1966	5 26 6:00	309	308	306	306	5 25	1			1.01	309	1.00	1.00
1967	5 22 1:00	235	231	232	231	5 22				1.01	233	1.01	.58
1968	4 26 22:00	146	144	145	145	4 26				1.01	145	1.00	.67
1969	5 8 16:00	218	202	209	208	5 8				1.00	213	.99	1.68
1970	5 5 4:26	164	161	162	156	5 5				1.01	165	.99	1.27
1971	5 29 16:10	172	169	172	167	5 29				1.00	176	.98	2.00
1972	5 6 8:00	188	182	187	185	5 6				1.01	190	.99	1.56
1973	5 13 3:00	153	151	153	150	5 13				1.00	155	.98	2.00
1974	5 16 5:00	189	187	188	187	5 16				1.01	189	1.00	1.00
1975	5 8 17:44	159	157	158	158	5 8				1.01	158	1.00	.67
1976	4 24 22:15	288	282	287	287	4 24				1.00	289	.99	1.43
1977	4 24 22:39	231	229	230	228	4 25	-1			1.00	231	1.00	1.28
1978	5 17 16:27	287	283	286	285	5 17				1.00	288	1.00	1.33
1979	5 15 8:48	295	287	292	291	5 15				1.01	295	1.00	1.00

02HC010 SHELTER VALLEY BROOK NEAR GRAFTON

DRAINAGE AREA 64.8 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1969-79

RECORDING GAUGE 1967-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1967	4 3 1145	11.6	2.44	5.84	1.48	4 3				2.38	8.12	1.43	.64
1968	2 2 2000	19.5	3.82	5.66	4.81	2 2		6.48	03 18	2.74	7.81	2.21	.24
1969	3 24 2335	16.1	9.49	8.98	2.89	3 25	-1			1.79	13.8	1.17	.68
1970	NO DATA							8.50	03 20				
1971	4 13 2052	8.81	5.01	6.34	5.87	4 13				1.26	7.64	1.05	.88
1972	4 14 2120	12.8	6.28	9.51	6.44	4 13	1			1.26	11.7	1.03	.94
1973	3 17 2000	17.1	1.38	6.71	4.38	3 17		8.55	03 04	2.55	10.6	1.62	.94
1974	NO DATA							9.91	07 03				
1975	3 20 0121	38.8	11.9	19.8	3.54	3 20				1.98	23.9	1.26	.73
1976	3 21 1100	18.9	9.83	13.9	3.31	3 21				1.33	21.6	.86	1.25
1977	3 13 0157	16.1	2.61	9.28	3.17	3 13				1.75	15.5	1.04	.96
1978	4 21 1844	8.47	2.74	4.98	4.39	4 21		5.76	04 07	1.73	6.24	1.36	.94
1979	3 14 0157	16.8	1.28	10.8	2.15	3 14				1.68	10.3	.88	1.16

02FF006 SHIPKA CREEK NEAR GRAND BEND

DRAINAGE AREA 33.7 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1957-72

RECORDING GAUGE 1972-72

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1972	3 13 0110	2.89	.388	1.61	.997	3 13				1.38	2.57	.81	1.33

02GC024 SILVER CREEK NEAR COPENHAGEN

DRAINAGE AREA 27.2 SQ KM

REGULATED

PERIOD OF RECORD 1970-78

RECORDING GAUGE 1970-78

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1970	4 2 19130	2.86	.331	1.99	1.46	4 2				1.44	3.08	.93	1.11
1971	2 27 18156	5.97	1.03	4.33	2.93	2 27				1.38	6.88	.87	1.22
1972	3 2 1155	10.8	2.44	6.85	1.38	3 2				1.58	11.8	.91	1.12
1973	3 11 20121	6.63	1.81	3.82	3.14	3 11				1.74	5.57	1.19	.77
1974	2 22 21116	3.96	.354	2.83	1.68	2 22		2.86	83 05	1.40	4.64	.85	1.23
1975	6 5 3133	3.88	.266	2.84	.989	6 5		2.36	82 24	1.47	3.49	.86	1.28
1976	NO DATA							0.58	83 05				
1977	9 26 9113	8.78	.527	5.13	1.86	9 26				1.71	9.87	.97	1.84
1978	3 21 17133	12.6	1.28	8.18	4.22	3 21				1.56	13.5	.93	1.89

02HL004 SKOOTAMATTA RIVER NEAR ACTINOLITE

DRAINAGE AREA 712 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1955-79

RECORDING GAUGE 1964-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1964	4 15 18160	28.4	23.2	28.0	26.8	4 15				1.02	31.0	.92	1.67
1965	4 13 22160	75.3	58.3	71.4	68.8	4 13				1.05	79.3	.95	1.34
1966	12 9 6108	58.3	48.7	56.9	51.5	12 9				1.02	63.7	.92	1.64
1967	4 3 19180	56.4	50.4	55.5	54.7	4 3				1.02	58.5	.96	1.53
1968	3 29 1058	51.8	46.7	50.4	49.6	3 29				1.03	52.7	.98	1.23
1969	5 20 8128	77.9	68.9	75.3	68.8	5 20				1.03	98.2	.86	1.78
1970	4 18 23180	45.3	38.9	42.2	41.3	4 18		43.6	84 18	1.07	48.3	.94	1.33
1971	4 14 14133	69.7	64.6	68.9	67.1	4 14				1.02	71.2	.98	1.38
1972	4 19 6134	83.8	73.9	83.8	79.9	4 19				1.01	89.1	.94	1.77
1973	3 19 1180	80.4	74.8	76.5	68.8	3 19				1.05	81.6	.99	1.13
1974	4 5 19146	85.2	51.8	81.6	73.1	4 5				1.04	101	.84	1.69
1975	4 28 21119	82.7	57.8	77.9	77.3	4 28				1.06	88.2	.94	1.37
1976	4 2 8116	109	96.3	107	99.4	4 2				1.02	116	.94	1.64
1977	3 19 3131	75.3	64.8	69.7	68.8	3 19				1.08	73.4	1.03	.68
1978	4 22 8136	69.1	62.9	68.8	69.4	4 22				1.00	73.4	.94	1.68
1979	NO DATA							74.5	83 26				

02HD007 SOPER CREEK AT BOWMANVILLE

DRAINAGE AREA 77.7 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1959-79

RECORDING GAUGE 1966-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1966	3 1 3:15	58.6	1.13	8.58	1.78	3 1		12.1	12 87	6.89	15.6	3.76	.25
1967	NO DATA												
1968	NO DATA												
1969	1 30 23:20	30.8	6.43	16.4	12.9	1 30				1.83	23.1	1.38	.66
1970	4 2 20:40	10.6	1.11	3.91	3.71	4 2		7.88	83 28	2.76	5.41	2.88	.36
1971	4 2 20:20	18.1	3.37	14.6	6.51	4 2				1.24	24.3	.75	1.47
1972	4 13 11:80	32.3	6.35	18.2	6.57	4 13				1.77	28.9	1.12	.86
1973	4 1 20:36	22.7	2.52	11.7	6.68	4 1		14.9	83 84	1.94	18.8	1.21	.78
1974	NO DATA												
1975	NO DATA												
1976	3 20 20:24	26.5	11.8	15.8	2.67	3 21	-1			1.68	24.8	1.87	.91
1977	3 13 8:55	36.5	2.72	17.5	4.11	3 13				2.89	31.6	1.16	.85
1978	NO DATA							14.7	84 87				
1979	4 2 17:80	21.8	.653	7.46	3.83	4 2				2.82	12.7	1.66	.56

02LP020 SOUTH CASTOR RIVER AT KENMORE

DRAINAGE AREA 189 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1978-79

RECORDING GAUGE 1979-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1979	3 24 18:58	48.5	37.6	44.8	41.3	3 25	-1			1.88	58.2	.97	1.18

02FE009 SOUTH MAITLAND RIVER AT SUMMERHILL

DRAINAGE AREA 176 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1967-79

RECORDING GAUGE 1968-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1968	2 2 14:15	202	25.6	169	189	2 2				1.20	270	.75	1.51
1969	4 5 4:00	93.7	51.0	88.7	61.2	4 5				1.16	105	.89	1.31
1970	4 9 19:00	99.1	74.2	75.9	99.5	4 10	-1			1.31	85.8	1.17	.96
1971	4 2 22:20	62.9	55.5	57.5	53.2	4 3	-1			1.09	68.6	1.84	.74
1972	12 31 18:59	81.3	11.4	66.8	68.6	12 31				1.23	96.8	.85	1.32
1973	NO DATA							37.1	03 15				
1974	5 17 9:22	87.5	25.4	65.7	46.7	5 17				1.33	99.3	.92	1.15
1975	4 19 3:34	179	44.5	112	69.1	4 19				1.60	169	1.06	.92
1976	3 21 1:31	126	69.7	102	66.8	3 21				1.25	137	.93	1.16
1977	NO DATA							148	03 14				
1978	4 7 21:17	98.8	68.8	80.4	79.3	4 7				1.22	88.7	1.18	.84
1979	4 14 3:41	89.5	28.5	76.9	57.2	4 14		80	03 05	1.16	110	.81	1.46

02LA013 SOUTH NATION RIVER AT CASSELMAN

DRAINAGE AREA 2410 SQ KM

REGULATED

PERIOD OF RECORD 1972-79

RECORDING GAUGE 1975-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1975	12 19 17:05	252	19.9	181	121	12 19				1.39	291	.86	1.22
1976	3 26 4:15	1010	651	903	629	3 28				1.12	1166	.87	1.42
1977	3 14 20:13	697	419	688	586	3 14				1.03	857	.81	1.03
1978	4 14 23:59	827	689	736	628	4 14				1.12	857	.96	1.14
1979	3 25 4:42	567	467	536	358	3 25				1.06	663	.85	1.61

02LA007 SOUTH NATION RIVER AT SPENCERVILLE

DRAINAGE AREA 246 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1948-79

RECORDING GAUGE 1948-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1948	3 21 6:30	88.1	53.8	42.8	55.2	3 21				1.29	69.5	1.15	.59
1949	NO DATA							32.8	04 07				
1950	4 6 7:00	125	88.3	102	78.2	4 6				1.23	124	1.00	.99
1951	3 31 21:00	68.9	49.6	55.5	36.2	4 1				1.10	68.1	.89	1.48
1952	4 6 21:00	43.3	27.8	39.4	33.1	4 6				1.10	48.8	.89	1.41
1953	3 27 9:00	45.3	40.2	45.8	36.9	3 27				1.01	51.7	.88	1.91
1954	4 9 6:00	68.9	48.1	53.5	37.1	4 9				1.14	64.4	.95	1.19
1955	4 2 23:55	68.9	47.3	54.1	41.9	4 3	-1			1.13	63.6	.96	1.17
1956	NO DATA							78.2	04 06				
1957	NO DATA							21.1	02 28				
1958	NO DATA							47.9	03 28				
1959	4 3 6:00	66.3	47.8	64.8	58.8	4 3				1.04	75.5	.88	1.67
1960	NO DATA							99.7	04 06				
1961	3 29 14:15	28.8	12.9	28.8	18.9	3 29				1.04	24.1	.86	1.67
1962	3 30 20:00	68.3	41.1	57.5	54.4	3 30				1.05	67.3	.98	1.55
1963	3 31 7:00	78.2	61.7	83.7	41.9	3 31				1.10	75.6	.93	1.29
1964	3 7 6:00	18.8	16.6	18.8	19.6	3 7				1.04	19.9	.94	1.41
1965	3 7 0:01	17.9	16.4	16.8	14.1	3 7				1.07	18.4	.98	1.17
1966	3 26 13:30	27.7	19.1	27.1	25.3	3 26				1.02	32.8	.87	1.78
1967	4 2 6:00	30.8	26.5	29.2	25.7	4 2				1.03	32.3	.93	1.59
1968	3 22 9:00	39.4	36.8	38.2	33.7	3 22				1.03	41.2	.96	1.42
1969	3 26 9:35	38.2	13.6	37.4	38.8	3 26				1.02	53.8	.72	1.98
1970	4 10 4:05	62.8	42.5	56.6	41.1	4 10				1.10	71.4	.87	1.47
1971	4 15 7:05	62.9	56.3	61.4	59.7	4 14	1			1.02	63.6	.99	1.23
1972	4 10 6:50	56.8	49.3	56.9	56.7	4 10				1.02	63.6	.91	1.73
1973	NO DATA							45.6	03 10				
1974	4 5 14:55	77.3	31.7	74.8	63.1	4 5				1.03	102	.76	1.63
1975	4 20 4:30	42.8	34.3	48.2	38.8	4 20				1.06	48.3	.89	1.91
1976	3 29 3:01	92.4	44.7	48.2	44.2	3 26	1			1.09	92.8	1.01	.94
1977	NO DATA							77.3	03 19				
1978	4 14 5:00	47.6	41.1	42.2	38.8	4 14				1.13	48.9	.97	1.18
1979	NO DATA							29.4	03 25				

02LA005 SOUTH NATION RIVER NEAR PLANTAGENET SPRINGS

DRAINAGE AREA 3810 SQ KM

REGULATED

PERIOD OF RECORD 1905-79

RECORDING GAUGE 1968-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	CD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1968	4 12 24:00	883	776	813	756	4 13	-1			1.09	860	1.03	.88
1969	3 29 99:99	382	217	382	351	3 29				1.00	488	.80	2.80
1970	4 8 24:00	665	578	609	549	4 9	-1	654	04 01	1.09	654	1.02	.98
1971	4 3 99:99	869	651	869	813	4 3				1.00	1086	.86	2.80
1972	3 6 0:30	365	82.7	334	262	3 6				1.09	495	.74	1.60
1973	3 8 9:00	261	173	244	234	3 8		250	11 28	1.07	284	.92	1.41
1974	3 28 21:00	462	262	442	425	3 28				1.05	540	.85	1.66
1975	4 3 19:15	883	758	821	691	4 4	-1			1.08	921	.96	1.24
1976	3 30 1:10	852	671	818	682	3 30				1.04	959	.89	1.61
1977	4 8 13:40	705	595	637	580	4 9	-1			1.11	686	1.03	.84
1978	4 15 13:30	858	799	844	818	4 15				1.01	882	.96	1.73
1979	4 28 10:30	1028	1008	1018	988	4 28				1.01	1030	.99	1.33
1972	4 16 16:00	946	816	920	906	4 16				1.03	979	.97	1.39
1973	NO DATA							850	03 19				
1974	NO DATA							674	04 06				
1975	4 20 11:30	864	711	844	773	4 20				1.02	946	.91	1.67
1976	3 31 0:01	1118	991	1058	997	3 31				1.06	1186	1.00	.97
1977	3 17 18:39	884	731	759	716	3 17				1.06	793	1.01	.87
1978	4 15 15:10	1188	838	1088	1048	4 15				1.02	1221	.98	1.75
1979	3 26 4:13	827	617	801	698	3 26				1.03	964	.86	1.73

02GC016 SOUTH OTTER CREEK NEAR PORT BURWELL

DRAINAGE AREA 109 SQ KM — REGULATED

PERIOD OF RECORD 1964-78

RECORDING GAUGE 1965-78

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1965	3 5 11:45	37.1	30.9	31.4	17.0	3 6	-1			1.18	38.9	.95	1.13
1966	12 8 18:30	18.8	5.24	10.1	7.56	12 8				1.87	13.8	.78	1.68
1967	12 22 17:40	7.87	2.45	6.80	5.04	12 22				1.16	9.86	.80	1.48
1968	2 2 18:30	19.3	8.78	15.6	12.2	2 2				1.24	20.7	.93	1.16
1969	1 31 2:30	28.8	16.7	20.8	7.93	1 31				1.40	27.7	1.01	.98
1970	4 3 18:30	6.24	4.05	5.97	4.16	4 3				1.05	7.84	.80	1.73
1971	NO DATA							9.91					
1972	NO DATA							17.0					
1973	3 15 14:55	11.5	5.52	10.5	7.14	3 15				1.10	14.7	.78	1.61
1974	3 5 19:38	11.8	5.38	10.2	8.67	3 5				1.16	13.4	.88	1.33
1975	2 25 6:40	8.67	6.68	8.10	4.45	2 25				1.07	10.6	.82	1.63
1976	3 5 18:18	29.4	13.4	24.9	20.5	3 5				1.18	32.9	.89	1.28
1977	4 24 0:52	22.6	12.3	17.6	8.55	4 24				1.28	24.8	.91	1.18
1978	NO DATA												

02FF004 SOUTH PARKHILL CREEK NEAR PARKHILL

DRAINAGE AREA 41.4 SQ KM — NATURAL FLOW

PERIOD OF RECORD 1955-79

RECORDING GAUGE 1966-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1966	12 6 21:00	24.5	5.49	7.93	4.11	12 7	-1			3.09	11.1	2.22	.32
1967	4 3 2:00	22.2	1.72	5.97	.966	4 3				3.72	10.6	2.09	.44
1968	2 1 22:45	17.3	6.23	8.83	2.44	2 2	-1			1.96	13.3	1.30	.69
1969	1 30 5:14	14.7	.626	10.6	4.28	1 30				1.39	18.7	.78	1.33
1970	4 2 14:30	33.4	.575	9.23	5.72	4 2				3.62	15.3	2.18	.48
1971	NO DATA							8.92	02 27				
1972	4 16 21:00	23.3	5.52	5.61	1.79	4 17	-1			4.15	7.57	3.08	.20
1973	3 11 14:24	18.0	.827	6.37	2.49	3 11				2.83	10.9	1.65	.56
1974	3 5 1:22	32.8	6.54	11.0	2.12	3 5				2.98	17.7	1.86	.47
1975	4 19 4:04	35.4	2.43	12.1	1.74	4 19				2.93	22.1	1.60	.60
1976	3 3 4:57	30.9	1.25	16.3	6.85	3 3				1.93	28.6	1.08	.91
1977	3 9 18:18	22.4	3.85	13.2	9.45	3 9				1.70	19.6	1.15	.82
1978	NO DATA							15.6	83 22				
1979	NO DATA							16.0	84 14				

02MC009 SOUTH RAISIN RIVER DIVERSION AT LONG SAULT

DRAINAGE AREA UNKNOWN

REGULATED

PERIOD OF RECORD 1972-79

RECORDING GAUGE 1976-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1976	9 1 18:30	1.02	.377	.575	.402	9 1		0.609	07 03	1.77	.761	1.34	.39
1977	7 17 20:51	1.03	.436	.464	.419	7 17				2.22	.501	2.06	.12
1978	NO DATA							0.051	08 16				
1979	8 1 6:37	.512	.474	.476	.463	7 31	1	0.487	07 28	1.08	.484	1.06	.34

02DC009 SOUTH RIVER AT SOUTH RIVER

DRAINAGE AREA 316 SQ KM

REGULATED

PERIOD OF RECORD 1956-79

RECORDING GAUGE 1972-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1972	5 6 6:21	59.2	42.8	55.8	50.7	5 6				1.06	64.9	.91	1.45
1973	4 4 16:57	25.6	24.2	25.4	24.8	4 4				1.01	26.3	.97	1.64
1974	4 18 7:10	32.3	32.0	32.3	30.9	4 18				1.00	33.2	.97	2.88
1975	5 3 6:33	28.1	27.1	27.9	27.9	5 2	1			1.01	28.3	.99	1.33
1976	4 2 0:04	35.7	34.8	35.4	34.3	4 2				1.01	36.3	.98	1.48
1977	4 3 21:06	21.9	21.3	21.8	21.4	4 3				1.00	22.3	.98	1.64
1978	4 30 6:30	23.9	23.1	23.6	22.2	4 30				1.01	24.6	.97	1.52
1979	4 28 20:23	27.6	25.4	27.5	26.5	4 28				1.09	29.1	.95	1.88

02DC005 SOUTH RIVER NEAR NIPISSING

DRAINAGE AREA 787 SQ KM

REGULATED

PERIOD OF RECORD 1936-79

RECORDING GAUGE 1961-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1961	4 17 10:00	62.8	40.5	53.8	50.1	4 17				1.15	62.3	1.00	1.82
1962	4 23 12:00	68.8	51.8	53.8	44.5	4 24	-1			1.26	59.5	1.14	.57
1963	4 3 11:00	87.8	61.2	83.0	82.7	4 3				1.06	94.8	.93	1.39
1964	4 15 4:00	63.1	47.6	60.3	52.7	4 15				1.05	70.4	.90	1.57
1965	5 1 19:00	56.4	54.1	56.1	54.4	5 1				1.01	57.9	.97	1.72
1966	NO DATA							64.6	04 22				
1967	4 2 2:30	68.8	46.4	64.8	60.0	4 2				1.06	76.4	.90	1.49
1968	4 1 3:00	81.6	37.9	78.4	69.1	4 1				1.04	103	.79	1.77
1969	5 10 20:00	75.3	63.7	73.6	71.4	5 10				1.02	79.6	.95	1.96
1970	7 22 5:30	114	94.0	102	69.4	7 22				1.12	122	.93	1.26
1971	4 20 9:35	91.2	75.8	88.3	80.1	4 20				1.03	99.1	.92	1.58
1972	5 4 1:35	94.9	89.2	94.8	93.2	5 3	1			1.01	96.8	.98	1.51
1973	6 28 1:50	149	101	125	56.9	6 28				1.19	171	.87	1.31
1974	5 6 16:47	123	71.4	90.9	85.8	5 6		112	04 15	1.35	103	1.19	.55
1975	4 24 11:11	88.1	69.9	76.7	72.2	4 25	-1			1.15	82.3	1.07	.66
1976	4 1 16:28	114	95.4	109	108	4 1				1.05	116	.98	1.19
1977	4 3 14:12	66.8	61.7	63.7	56.9	4 4	-1			1.05	68.1	.98	1.17
1978	4 28 22:23	78.8	62.6	67.1	60.3	4 29	-1			1.06	72.8	.97	1.21
1979	4 28 4:13	87.3	67.6	80.4	67.6	4 28				1.09	93.2	.94	1.38

02FC012 SOUTH SAUGEEN RIVER NEAR HANOVER

DRAINAGE AREA 635 SQ KM

REGULATED

PERIOD OF RECORD 1972-79

RECORDING GAUGE 1972-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1972	4 19 7:56	213	139	185	122	4 19				1.15	239	.89	1.32
1973	3 13 6:24	105	76.7	90.9	50.7	3 13				1.16	118	.89	1.32
1974	NO DATA							132	03 07				
1975	4 19 23:48	251	209	224	134	4 20	-1			1.12	276	.91	1.32
1976	3 21 17:30	211	49.6	171	169	3 21				1.23	233	.90	1.22
1977	3 14 4:08	251	167	216	133	3 14				1.16	282	.89	1.31
1978	4 12 9:15	136	85.5	127	113	4 12				1.07	154	.88	1.51
1979	4 15 3:55	218	158	189	88.9	4 15				1.15	255	.85	1.39

02GA015 SPEED RIVER BELOW GUELPH

CRAINAGE AREA 593 SQ KM

REGULATED

PERIOD OF RECORD 1950-79

RECORDING GAUGE 1951-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1951	3 30 22:00	107	78.7	85.0	43.6	3 31	-1			1.26	108	.98	1.04
1952	NO DATA							44.7	04 01				
1953	NO DATA							45.9	05 26				
1954	10 16 13:00	163	20.9	130	79.3	10 16				1.25	209	.78	1.42
1955	NO DATA							58.3	03 11				
1956	NO DATA							99.7	05 12				
1957	NO DATA							34.3	04 06				
1958	NO DATA							15.6	04 07				
1959	NO DATA							83.3	04 06				
1960	4 4 13:00	85.2	48.1	81.0	65.4	4 4				1.05	105	.81	1.78
1961	NO DATA							33.7	02 24				
1962	3 30 5:00	61.4	39.4	56.1	41.3	3 30				1.09	71.8	.85	1.58
1963	3 27 22:00	85.0	63.1	88.4	65.1	3 27				1.06	96.7	.88	1.56
1964	12 25 15:00	28.9	19.7	21.9	14.1	12 26	-1	24.6	04 08	1.32	26.9	1.07	.83
1965	4 8 1:00	98.8	20.0	78.2	18.4	4 8				1.25	137	.71	1.38
1966	12 8 3:00	31.7	13.6	29.4	22.7	12 8				1.08	40.7	.78	1.66
1967	4 3 9:00	136	42.5	107	63.4	4 3				1.27	161	.84	1.38
1968	8 23 16:30	51.3	34.8	35.4	21.9	8 24	-1	37.7	03 20	1.45	42.5	1.21	.61
1969	4 16 23:30	54.4	34.0	44.7	28.1	4 19	-1	48.4	04 05	1.22	58.4	.93	1.17
1970	4 10 5:00	46.4	22.5	39.6	30.5	4 9	1			1.17	48.7	.95	1.14
1971	4 10 6:46	48.1	35.4	43.3	35.7	4 10				1.11	51.1	.94	1.24
1972	4 16 4:12	106	87.8	92.0	81.3	4 16		98.5	04 15	1.15	99.4	1.07	.69
1973	3 12 13:52	83.0	35.7	75.6	53.2	3 12				1.10	106	.78	1.62
1974	5 17 12:26	166	20.3	112	70.2	5 17				1.48	178	.93	1.11
1975	4 19 15:00	127	27.2	95.4	75.8	4 19				1.33	139	.91	1.17
1976	3 21 21:41	50.1	25.3	45.9	44.5	3 21				1.09	56.9	.88	1.45
1977	3 14 11:10	51.8	42.2	49.6	34.3	3 14				1.04	61.8	.85	1.60
1978	4 14 1:11	34.8	28.3	32.9	31.7	4 13	1			1.06	34.8	1.00	1.88
1979	4 15 6:30	62.7	51.2	61.8	47.9	4 15				1.03	72.5	.87	1.74

02GA040 SPEED RIVER NEAR ARMSTRONG MILLS

DRAINAGE AREA 167 SQ KM REGULATED

PERIOD OF RECORD 1973-79

RECORDING GAUGE 1974-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1974	5 17 6:42	114	5.47	61.7	15.9	5 17				1.85	112	1.01	.99
1975	4 19 6:59	182	16.3	71.4	22.8	4 19				1.43	123	.82	1.26
1976	3 21 6:41	61.2	20.3	52.7	23.4	3 21				1.16	83.6	.73	1.57
1977	3 13 17:23	67.4	23.2	58.3	32.6	3 13				1.16	88.7	.76	1.54
1978	4 11 22:21	34.8	9.51	26.8	23.9	4 11				1.30	36.9	.94	1.12
1979	4 14 11:25	52.8	9.76	44.8	27.2	4 14				1.18	71.1	.74	1.53

02HA010 SPENCER CREEK AT DUNDAS CROSSING

DRAINAGE AREA 166 SQ KM REGULATED

PERIOD OF RECORD 1960-79

RECORDING GAUGE 1969-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1969	4 19 18:00	17.5	7.22	15.0	12.6	4 19		16.0	01 30	1.17	20.1	.87	1.34
1970	4 2 23:30	13.6	6.34	10.0	9.54	4 3	-1			1.36	12.1	1.14	.78
1971	4 7 12:44	20.3	5.89	15.8	14.2	4 7				1.28	21.6	.94	1.12
1972	3 22 13:04	17.4	12.2	15.7	13.3	3 22				1.11	18.7	.93	1.27
1973	3 11 14:51	21.2	13.6	15.6	14.4	3 12	-1	17.6	03 15	1.36	17.2	1.23	.44
1974	1 27 23:39	22.7	14.4	18.2	13.8	1 28	-1			1.25	22.3	1.02	.95
1975	2 24 22:47	16.4	11.7	12.5	7.33	2 25	-1	13.4	03 20	1.31	15.5	1.06	.87
1976	9 18 16:18	26.4	15.0	17.4	6.37	9 19	-1			1.52	24.1	1.09	.85
1977	3 18 20:52	20.7	15.7	17.5	17.1	3 11	-1			1.18	18.6	1.11	.51
1978	3 23 19:31	21.1	15.0	16.5	14.9	3 24	-1			1.28	18.1	1.17	.58
1979	3 5 7:50	30.6	18.9	23.6	18.0	3 5				1.29	33.2	.92	1.16

02HB015 SPENCER CREEK NEAR WESTOVER

CRAINAGE AREA 63.9 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1971-79

RECORDING GAUGE 1972-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1972	4 15 6:40	4.81	4.11	4.70	4.33	4 15				1.02	5.10	.93	1.63
1973	3 6 0:54	6.26	4.93	5.47	3.85	3 6				1.14	6.55	.96	1.16
1974	3 7 0:35	5.81	4.36	4.62	3.91	3 7				1.08	5.31	.94	1.27
1975	4 20 20:50	3.40	2.65	3.31	3.09	4 20				1.03	3.75	.91	1.66
1976	3 23 9:22	6.17	4.61	4.93	4.25	3 23				1.25	5.33	1.16	.49
1977	3 13 19:35	9.83	7.36	9.28	7.33	3 14	-1			1.06	11.2	.88	1.94
1978	4 8 5:53	4.64	4.28	4.49	4.42	4 7	1	4.64	04 03	1.04	4.55	1.02	.69
1979	4 15 22:31	6.11	3.56	5.67	5.61	4 15				1.08	6.76	.90	1.42

02RA002 STEEL RIVER NEAR TERRACE BAY

CRAINAGE AREA 1190 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1970-79

RECORDING GAUGE 1970-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1970	5 2 19:35	76.7	68.0	76.2	75.6	5 2				1.01	88.6	.95	1.88
1971	5 28 19:57	92.3	88.6	91.2	90.9	5 28				1.01	92.6	1.00	1.14
1972	5 8 14:10	78.5	68.8	78.2	76.2	5 7	1			1.00	78.9	.99	1.40
1973	4 24 19:20	60.0	56.9	59.7	59.2	4 24				1.01	61.4	.98	1.69
1974	5 15 22:17	58.6	57.5	58.3	57.8	5 15				1.01	59.0	.99	1.37
1975	NO DATA							78.7	05 12				
1976	NO DATA							97.7	04 25				
1977	4 26 16:00	79.9	76.5	78.7	78.7	4 25	1			1.02	79.8	1.00	.96
1978	6 4 13:48	39.6	38.5	39.4	38.5	6 4				1.01	40.3	.98	1.64
1979	5 13 15:45	96.8	95.8	96.8	94.8	5 13				1.01	96.7	1.00	.93

02FA002 STOKES RIVER NEAR FERNDALE

DRAINAGE AREA 58.5 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1976-79

RECORDING GAUGE 1976-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1976	3 28 19:30	15.8	7.93	14.7	10.3	3 28				1.07	20.3	.78	1.67
1977	NO DATA							22.7	03 14				
1978	4 11 7:15	10.7	5.30	9.03	6.74	4 11				1.18	12.8	.89	1.28
1979	4 14 10:23	13.3	3.84	12.0	8.64	4 14				1.11	18.2	.73	1.65

02HC035 STOUFFVILLE CREEK BELOW STOUFFVILE

DRAINAGE AREA 15.3 SQ KM

REGULATED

PERIOD OF RECORD 1974-79

RECORDING GAUGE 1975-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1975	2 25 3:21	1.87	.345	1.11	1.00	2 24	1	1.29	04 19	1.68	1.55	1.21	.73
1976	7 29 15:19	2.35	.862	.515	.413	7 29		1.53	03 21	4.56	.793	2.97	.26
1977	NO DATA							1.23	03 13				
1978	5 14 13:53	2.46	.207	1.32	.668	5 14		2.02	04 07	1.86	2.20	1.12	.87
1979	10 20 23:47	1.99	.112	.289	.264	10 20		1.29	12 25	6.89	.398	5.16	.11

02GH001 STURGEON CREEK NEAR LEAMINGTON

DRAINAGE AREA 14.2 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1971-79

RECORDING GAUGE 1972-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1972	3 14 7:30	3.09	.482	1.77	.351	3 14				1.75	3.16	.98	1.83
1973	6 13 0:42	9.12	.287	1.66	.252	6 13		2.63	03 11	5.49	3.89	2.35	.32
1974	3 5 1:22	7.67	1.16	2.34	.648	3 5				3.28	3.78	2.03	.42
1975	NO DATA							4.25	08 30				
1976	NO DATA							7.08	02 11				
1977	NO DATA							6.37	03 05				
1978	NO DATA							10.7	03 21				
1979	4 14 1:18	15.0	3.56	6.68	1.11	4 14				2.25	11.8	1.36	.69

05QE009 STURGEON RIVER AT OUTLET OF SALVESEN LAKE

DRAINAGE AREA 1930 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1960-79

RECORDING GAUGE 1961-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1961	5 13 11:00	26.9	26.6	26.8	26.8	5 13				1.00	26.9	1.00	1.00
1962	5 24 18:30	48.7	47.3	48.4	48.1	5 24				1.01	49.1	.99	1.40
1963	NO DATA							48.7	06 14				
1964	NO DATA												
1965	5 9 21:00	72.2	71.9	72.2	70.0	5 10	-1			1.00	73.0	.99	2.00
1966	5 25 1:00	53.0	52.7	52.7	52.1	5 25		52.7	05 24	1.01	53.0	1.00	1.00
1967	NO DATA							36.8	05 01				
1968	6 15 13:00	32.8	29.7	32.3	32.0	6 16	-1	32.3	06 12	1.02	33.8	.97	1.49
1969	NO DATA							37.4	07 01				
1970	5 9 13:00	49.0	42.2	45.6	44.5	5 9		47.3	05 17	1.09	47.9	1.04	.78
1971	5 5 16:34	50.7	49.0	50.4	49.8	5 5				1.01	51.0	.99	1.33
1972	5 9 12:14	24.7	24.4	24.7	24.6	5 9				1.00	24.9	.99	2.00
1973	10 15 20:10	45.6	45.0	45.3	45.3	10 16	-1			1.01	45.9	1.00	.67
1974	NO DATA							92.3	05 21				
1975	5 99 99:99	35.1	34.5	35.1	35.1	5 8				1.00	35.4	.99	2.00
1976	NO DATA							32.8	04 25				
1977	5 21 0:45	27.1	26.9	27.0	26.6	5 21		27.0	05 19	1.00	27.3	.99	1.43
1978	5 14 15:27	49.0	48.7	49.6	49.6	5 14				1.00	50.1	1.00	1.38
1979	5 4 4:05	49.0	49.0	49.0	49.0	5 4				1.00	50.2	.99	2.00

02GG005 SYDENHAM RIVER AT STRATHROY

DRAINAGE AREA 172 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1966-79

RECORDING GAUGE 1967-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1967	10 19 9:30	21.4	14.4	19.9	12.4	10 19				1.08	26.4	.81	1.63
1968	2 2 14:00	99.1	19.8	76.7	32.3	2 2				1.29	127	.78	1.39
1969	1 31 9:46	37.1	16.8	32.8	15.5	1 31				1.13	49.5	.75	1.59
1970	4 3 18:11	27.7	8.76	21.5	16.3	4 3				1.29	29.5	.94	1.12
1971	3 16 8:27	32.3	18.7	28.8	15.8	3 16				1.15	43.2	.75	1.56
1972	4 17 18:16	23.7	5.55	16.9	12.5	4 17				1.40	24.8	.96	1.07
1973	1 1 10:37	33.4	7.65	26.3	18.1	1 1				1.27	39.7	.84	1.31
1974	3 5 18:00	31.1	9.03	25.4	18.1	3 5				1.22	37.2	.84	1.35
1975	3 20 20:20	36.8	5.38	27.2	22.9	3 20				1.35	48.3	.91	1.15
1976	3 6 [illegible]:06	38.8	27.6	31.1	28.9	3 5	1			1.25	34.8	1.14	.94
1977	3 13 18:21	42.2	24.7	33.7	22.7	3 13		36.8	03 11	1.25	43.7	.97	1.08
1978	4 2 9:12	32.8	14.9	26.5	13.2	4 2		26.9	03 24	1.21	39.8	.82	1.39
1979	4 14 12:53	57.6	8.71	45.2	20.8	4 14				1.27	75.6	.76	1.42

02GG002 SYDENHAM RIVER NEAR ALVINSTON

DRAINAGE AREA 738 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1947-79

RECORDING GAUGE 1965-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1965	3 6 22:00	158	108	130	80.4	3 7	-1			1.22	165	.95	1.12
1966	12 7 17:30	128	97.4	100	87.2	12 8	-1			1.28	187	1.11	.56
1967	4 3 8:00	114	27.2	103	55.5	4 3				1.11	164	.69	1.78
1968	2 2 17:45	237	87.5	189	171	2 2				1.25	248	.95	1.11
1969	4 5 16:59	73.1	15.1	39.6	39.1	4 5		66.8	02 01	1.85	52.1	1.48	.54
1970	4 3 0:32	128	65.1	108	71.1	4 3				1.19	147	.87	1.33
1971	NO DATA							79.3	02 28				
1972	4 17 18:34	134	45.0	114	59.5	4 17				1.18	175	.76	1.51
1973	1 1 0:00	129	92.3	99.4	49.8	1 1		104	03 12	1.38	128	1.01	.99
1974	3 5 18:48	104	49.6	96.6	72.8	3 5				1.08	131	.79	1.65
1975	4 19 19:37	99.1	12.8	67.1	41.6	4 19		83.5	02 24	1.48	186	.93	1.11
1976	NO DATA							109	02 19				
1977	3 10 16:30	107	65.1	96.3	86.4	3 10				1.11	116	.92	1.32
1978	NO DATA							80.4	03 24				
1979	4 14 6:31	238	65.4	207	129	4 14				1.15	316	.75	1.96

02GG007 SYDENHAM RIVER NEAR DRESDEN

DRAINAGE AREA 1240 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1967-79

RECORDING GAUGE 1967-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1967	12 23 2:30	144	125	137	79.1	12 23				1.05	171	.84	1.67
1968	2 3 12:30	326	226	317	248	2 3				1.03	396	.82	1.88
1969	2 1 14:26	117	99.1	113	68.3	2 1				1.04	142	.82	1.76
1970	4 4 3:29	155	133	148	98.8	4 4				1.05	188	.86	1.64
1971	NO DATA							94.6	02 28				
1972	4 18 12:45	132	94.3	126	79.3	4 18				1.05	169	.88	1.73
1973	3 12 23:41	144	132	133	96.6	3 13	-1			1.08	151	.95	1.26
1974	3 6 8:57	129	105	126	98.8	3 6				1.02	150	.86	1.78
1975	2 25 12:21	137	103	132	101	2 25				1.04	162	.85	1.71
1976	NO DATA							159	02 19				
1977	3 14 7:00	147	137	145	121	3 14				1.01	161	.91	1.78
1978	NO DATA							138	03 24				
1979	4 15 6:31	257	176	245	181	4 15				1.05	311	.83	1.69

02FC007 SYDENHAM RIVER NEAR OWEN SOUND

DRAINAGE AREA 181 SQ KM — NATURAL FLOW

PERIOD OF RECORD 1919-79

RECORDING GAUGE 1959-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1959	4 6 12:00	28.2	24.8	26.8	22.7	4 6				1.06	28.7	.98	1.09
1960	NO DATA							48.2	04 04				
1961	NO DATA							17.6	12 18				
1962	NO DATA							34.0	03 30				
1963	NO DATA							37.7	03 28				
1964	NO DATA							18.1	03 06				
1965	4 12 16:30	49.6	28.5	37.4	34.0	4 12				1.33	47.6	1.04	.91
1966	2 11 19:30	28.2	5.72	28.3	18.9	2 11				1.39	28.3	1.00	1.01
1967	4 2 15:00	35.7	24.2	31.4	24.2	4 2				1.14	38.6	.92	1.25
1968	2 3 9:45	47.3	13.4	41.3	28.0	2 3				1.15	61.9	.76	1.35
1969	4 6 6:43	39.6	28.5	24.6	18.9	4 6				1.61	29.5	1.34	.49
1970	4 16 3:35	27.8	20.6	25.1	24.7	4 15	1			1.07	28.8	.97	1.22
1971	4 13 21:00	29.3	21.0	23.8	23.3	4 13				1.06	25.6	.99	1.09
1972	4 15 7:55	45.3	30.6	43.6	38.5	4 15				1.04	52.7	.86	1.60
1973	1 1 17:24	27.2	8.33	23.8	21.1	1 1				1.14	32.9	.83	1.46
1974	4 4 18:19	33.4	27.1	27.6	17.9	4 5	-1			1.21	32.7	1.02	.94
1975	4 19 14:04	59.5	13.8	49.0	47.6	4 19				1.21	67.3	.88	1.27
1976	3 21 11:56	46.4	14.1	42.2	36.8	3 21				1.10	59.8	.79	1.68
1977	NO DATA							43.9	03 14				
1978	4 12 9:05	21.4	16.4	20.8	18.8	4 12				1.03	24.8	.89	1.68
1979	12 26 0:31	32.7	14.6	29.8	28.4	12 25	1			1.13	36.5	.98	1.34

02FC015 TEESWATER RIVER NEAR PAISLEY

DRAINAGE AREA 663 SQ KM — NATURAL FLOW

PERIOD OF RECORD 1972-79

RECORDING GAUGE 1972-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1972	4 16 21:00	105	89.8	95.7	92.9	4 16				1.10	188	1.85	.64
1973	NO DATA							56.9	01 03				
1974	3 3 23:47	88.4	58.7	62.9	61.7	3 5	-2	68.8	03 07	1.28	69.6	1.16	.55
1975	4 19 4:00	109	72.5	76.7	71.6	4 21	-2			1.42	81.3	1.34	.25
1976	3 21 4:40	136	78.2	104	81.6	3 21				1.31	128	1.06	.06
1977	3 15 20:30	142	122	124	114	3 16	-1			1.15	138	1.09	.58
1978	4 7 19:45	69.9	51.5	62.8	56.6	4 7		63.7	04 11	1.13	78.8	1.00	1.00
1979	3 25 0:09	81.8	76.2	79.1	71.2	3 25				1.03	84.5	.97	1.33

02GF002 THAMES RIVER AT BYRON

DRAINAGE AREA 3110 SQ KM

REGULATED

PERIOD OF RECORD 1922-79

RECORDING GAUGE 1948-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1948	3 20 9:00	1270	498	1010	467	3 20				1.26	1937	.63	1.34
1949	NO DATA												
1950	4 4 20:30	1160	294	864	728	4 4				1.34	1217	.95	1.89
1951	NO DATA							473	03 31				
1952	NO DATA							362	04 14				
1953	3 16 15:00	397	113	311	176	3 16				1.15	477	.75	1.97
1954	NO DATA												
1955	NO DATA							539	03 12				
1956	1 7 12:00	954	209	736	660	3 7				1.38	1039	.92	1.16
1957	12 21 15:00	663	328	620	450	12 21				1.07	851	.78	1.69
1958	3 24 14:00	151	134	142	139	3 24				1.06	147	1.02	.76
1959	4 2 21:00	566	453	496	436	4 3	-1			1.14	547	1.03	.89
1960	3 31 15:00	898	261	810	714	3 31				1.10	1148	.78	1.61
1961	2 24 16:00	273	203	254	213	2 25	-1			1.07	288	.91	1.42
1962	3 25 0:00	286	238	278	202	3 25				1.06	328	.89	1.92
1963	3 28 19:00	688	623	691	651	3 27	1			1.06	665	1.03	.99
1964	4 7 10:00	248	60.0	227	184	4 7		238	12 26	1.08	328	.79	1.78
1965	2 11 7:00	816	349	762	484	2 11				1.07	1119	.73	1.74
1966	12 8 2:30	665	456	629	493	12 8				1.06	783	.69	1.62
1967	4 3 16:00	575	284	453	394	4 3				1.27	687	.99	1.12
1968	2 3 4:30	977	746	881	487	2 3				1.22	986	.99	1.82
1969	1 31 4:30	646	234	888	374	1 31				1.08	899	.72	1.73
1970	4 9 16:51	368	176	317	257	4 9				1.21	417	.92	1.19
1971	4 2 19:32	487	374	388	257	4 3	-1			1.26	488	1.06	.88
1972	3 22 22:05	492	328	408	212	3 23	-1			1.21	546	.98	1.24
1973	3 12 12:41	981	233	921	489	3 12				1.08	723	.78	1.67
1974	3 9 16:34	651	397	966	930	3 9				1.19	688	.99	1.18
1975	4 28 2:00	719	478	984	334	4 28				1.27	726	.99	1.82
1976	3 6 4:07	818	416	663	981	3 6				1.23	867	.94	1.14
1977	3 14 2:27	966	827	915	711	3 14				1.06	1061	.91	1.48
1978	4 2 9:09	637	314	903	498	4 2				1.09	784	.81	1.98
1979	4 14 9:37	889	185	695	648	4 14				1.16	977	.83	1.42

02GD016 THAMES RIVER AT INGERSOLL

DRAINAGE AREA 518 SQ KM

REGULATED

PERIOD OF RECORD 1957-79

RECORDING GAUGE 1957-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1957	12 21 16:00	67.4	31.7	63.4	41.9	12 21				1.06	90.0	.75	1.74
1958	3 25 4:00	17.6	15.6	16.8	15.9	3 24	1			1.05	17.9	.99	1.14
1959	4 2 10:30	66.8	37.1	60.3	50.1	4 2				1.11	77.0	.87	1.44
1960	3 31 13:00	155	63.7	143	91.5	3 31				1.08	208	.74	1.69
1961	2 24 10:00	39.9	18.9	36.8	28.3	2 24				1.08	58.8	.68	1.62
1962	3 12 19:00	66.5	34.5	42.5	27.4	3 13	-1			1.56	54.1	1.23	.65
1963	3 26 11:30	88.6	45.3	81.6	63.1	3 26				1.09	108	.81	1.99
1964	12 26 13:30	30.9	14.8	25.4	19.3	12 26				1.22	33.8	.92	1.21
1965	2 11 1:00	194	92.9	136	51.3	2 11				1.43	199	.97	1.85
1966	12 8 10:05	87.0	32.6	79.3	43.0	12 8				1.11	120	.73	1.66
1967	4 3 7:30	53.0	27.8	46.2	41.6	4 3				1.15	58.1	.91	1.27
1968	2 2 14:00	146	33.4	115	52.4	2 2				1.27	187	.78	1.48
1969	1 30 20:30	91.7	26.6	66.8	49.3	1 30				1.39	94.1	.98	1.84
1970	4 4 2:36	28.1	25.8	26.1	22.7	4 4				1.08	28.8	1.01	.96
1971	3 16 4:55	48.8	25.4	37.7	32.8	3 16				1.08	46.7	.87	1.49
1972	3 22 15:10	59.2	24.4	51.3	34.3	3 22				1.15	73.3	.81	1.47
1973	3 15 0:26	58.9	45.9	54.7	43.6	3 15				1.08	64.7	.91	1.41
1974	3 5 9:00	59.2	36.8	54.4	39.6	3 5		54.4	01 28	1.09	78.6	.84	1.54
1975	2 24 10:27	68.5	21.6	56.6	39.6	2 24				1.21	82.6	.83	1.37
1976	3 5 19:55	108	30.6	69.1	64.8	3 5				1.56	98.9	1.19	.72
1977	3 13 3:36	95.7	60.9	89.2	66.8	3 13				1.07	114	.83	1.68
1978	4 1 20:00	78.7	56.1	63.4	53.8	4 2	-1			1.24	71.9	1.10	.71
1979	4 14 12:42	133	23.3	97.8	57.8	4 14				1.37	153	.87	1.22

02GD021 THAMES RIVER AT INNERKIP

DRAINAGE AREA 149 SQ KM

REGULATED

PERIOD OF RECORD 1978-79

RECORDING GAUGE 1979-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1979	4 14 7:12	73.1	14.8	60.8	28.8	4 14				1.20	103	.70	1.56

02GF003 THAMES RIVER AT THAMESVILLE

DRAINAGE AREA 4380 SQ KM

REGULATED

PERIOD OF RECORD 1938-79

RECORDING GAUGE 1948-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1948	3 22 15:00	816	648	813	694	3 22				1.00	959	.85	1.96
1949		NO DATA						521	02 17				
1950		NO DATA											
1951		NO DATA						411	04 01				
1952		NO DATA											
1953		NO DATA											
1954		NO DATA											
1955		NO DATA						450	03 14				
1956		NO DATA						691	03 10				
1957		NO DATA						498	12 24				
1958		NO DATA						150	03 26				
1959		NO DATA						419	04 05				
1960		NO DATA						793	04 06				
1961		NO DATA						222	02 25				
1962		NO DATA						261	03 31				
1963	3 30 19:00	716	694	714	683	3 30				1.00	779	.92	1.94
1964		NO DATA						224	04 09				
1965	3 8 7:00	725	651	714	614	3 8				1.02	795	.91	1.76
1966	12 11 6:00	683	544	592	479	12 11				1.02	672	.98	1.76
1967	4 6 12:00	408	388	402	386	4 6				1.01	457	.89	1.88
1968	2 5 11:00	838	690	827	606	2 5				1.01	1051	.80	1.91
1969	2 2 20:47	966	442	934	498	2 2				1.05	686	.93	1.42
1970	4 5 1:31	294	288	289	244	4 5				1.02	316	.93	1.89
1971	4 4 22:03	348	235	328	328	4 4				1.06	378	.92	1.43
1972	4 19 6:06	360	340	351	289	4 19				1.03	387	.93	1.88
1973	3 19 4:01	513	462	498	459	3 15				1.03	535	.96	1.43
1974	3 8 8:54	524	498	515	422	3 8				1.02	574	.91	1.74
1975	4 22 11:05	484	402	453	326	4 22				1.02	542	.86	1.78
1976	3 8 22:56	686	496	586	980	3 8				1.03	834	.96	1.41
1977	3 16 19:23	968	884	946	898	3 16				1.01	1041	.92	1.74
1978	3 23 21:15	547	399	515	447	3 24	-1	538	04 09	1.06	687	.98	1.48
1979	4 17 5:53	698	637	678	521	4 17				1.03	777	.98	1.66

02GC012 THAMES RIVER AT WOODSTOCK

DRAINAGE AREA 254 SQ KM REGULATED

PERIOD OF RECORD 1952-79

RECORDING GAUGE 1952-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1952	3 11 20:00	41.1	23.1	28.2	14.0	3 12	-1			1.46	37.9	1.09	.86
1953	6 18 2:00	56.9	1.00	32.0	12.6	6 18				1.73	58.0	.97	1.04
1954	2 16 20:00	150	6.97	75.0	48.7	2 16				2.00	122	1.23	.77
1955	NO DATA							35.4	03 11				
1956	3 7 7:00	169	18.1	121	28.6	3 7				1.40	218	.77	1.34
1957	NO DATA							45.6	12 21				
1958	NO DATA							12.0	03 23				
1959	4 2 11:00	51.5	30.6	50.1	28.6	4 2				1.03	70.6	.73	1.07
1960	3 31 15:00	71.4	21.8	64.8	51.5	3 31				1.10	93.0	.77	1.02
1961	NO DATA							16.4	02 23				
1962	3 24 21:00	32.3	15.1	22.8	22.8	3 24				1.42	26.7	1.21	.58
1963	3 26 5:00	89.5	34.3	67.4	36.8	3 26				1.33	98.2	.91	1.17
1964	4 7 14:30	28.5	5.49	15.7	13.4	4 7				1.31	22.8	.93	1.13
1965	3 6 2:00	98.5	34.8	69.9	26.6	3 6				1.41	109	.90	1.16
1966	12 8 3:30	83.5	33.4	57.2	26.6	12 8				1.46	84.4	.99	1.02
1967	1 26 7:00	36.5	22.7	38.0	11.7	1 26		31.7	04 04	1.22	42.8	.85	1.33
1968	2 2 11:15	51.3	16.9	30.3	25.9	2 2				1.69	39.2	1.31	.68
1969	1 30 15:19	40.8	3.99	15.6	4.64	1 30		26.3	03 22	2.62	26.9	1.52	.62
1970	4 4 19:46	16.5	16.2	16.4	16.2	4 5	-1			1.01	16.6	.99	1.33
1971	4 2 16:15	52.4	22.8	23.6	17.9	4 4	-2	23.6	04 04	2.22	26.9	1.95	.28
1972	3 22 10:31	30.6	13.8	23.6	18.3	3 22		27.2	04 15	1.30	31.2	.98	1.04
1973	3 15 18:27	39.9	26.3	36.5	31.1	3 15				1.09	44.3	.90	1.39
1974	3 6 10:36	123	26.2	27.7	25.2	3 7	-1	34.3	01 28	4.44	29.7	4.14	.84
1975	4 23 14:56	30.9	21.3	25.0	18.0	4 23				1.24	30.4	1.02	.95
1976	2 29 20:50	26.6	19.7	25.0	22.2	3 1	-1			1.06	29.1	.92	1.43
1977	3 13 7:42	35.7	28.6	34.0	33.4	3 13				1.05	37.0	.96	1.28
1978	4 2 22:14	30.9	22.4	29.2	28.6	4 2				1.06	32.9	.94	1.37
1979	4 14 7:28	110	7.02	38.8	25.3	4 14				2.84	61.4	1.79	.48

02GF006 THAMES RIVER NEAR DUTTON

DRAINAGE AREA 3760 SQ KM

REGULATED

PERIOD OF RECORD 1971-79

RECORDING GAUGE 1971-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1971	12 16 11:13	42.8	16.2	38.5	29.7	12 16				1.11	54.8	.79	1.37
1972	NO DATA							368	04 18				
1973	3 13 23:20	464	430	453	411	3 14	1			1.02	485	.96	1.49
1974	3 7 5:56	530	470	513	408	3 7				1.03	507	.98	1.63
1975	4 21 12:46	481	354	467	377	4 21				1.03	566	.85	1.76
1976	NO DATA							524	03 08				
1977	3 15 12:00	940	623	695	728	3 15				1.05	1114	.84	1.66
1978	4 9 2:18	518	498	501	447	4 9				1.02	529	.96	1.52
1979	4 16 1:09	595	532	569	472	4 16		580	03 06	1.05	636	.94	1.44

02GD001 THAMES RIVER NEAR EALING

DRAINAGE AREA 1340 SQ KM

REGULATED

PERIOD OF RECORD 1913-79

RECORDING GAUGE 1938-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1938	2 6 23:00	447	244	309	132	2 7	-1			1.45	430	1.04	.93
1939	NO DATA							146	04 19				
1940	NO DATA							229	04 19				
1941	NO DATA							35.7	04 20				
1942	NO DATA							178	03 09				
1943	NO DATA							275	03 17				
1944	NO DATA							73.3	04 13				
1945	NO DATA							186	05 18				
1946	NO DATA							161	03 08				
1947	NO DATA							302	04 06				
1948	3 17 3:00	277	127	230	117	3 17		244	03 20	1.20	336	.82	1.39
1949	NO DATA							235	02 15				
1950	4 5 2:00	354	253	283	189	4 5				1.25	385	.92	1.18
1951	NO DATA							185	03 31				
1952	3 12 3:00	176	83.8	139	77.0	3 12				1.27	197	.89	1.23
1953	3 4 24:00	193	95.1	131	61.4	3 5	-1			1.47	183	1.05	.92
1954	2 17 2:00	447	272	343	135	2 17				1.30	482	.93	1.15
1955	NO DATA							162	03 12				
1956	3 7 14:00	408	101	331	255	3 7				1.23	484	.84	1.33
1957	12 21 99:99	190	60.3	161	148	12 21				1.18	217	.87	1.32
1958	3 24 15:00	39.4	35.1	38.2	37.9	3 24				1.03	39.9	.99	1.17
1959	3 21 18:30	128	67.1	110	89.2	3 21				1.89	141	.85	1.52
1960	3 31 20:00	276	167	233	178	4 1	-1			1.18	293	.94	1.17
1961	2 24 18:00	101	38.5	94.9	86.9	2 24				1.06	127	.79	1.68
1962	3 13 13:00	121	78.7	121	106	3 13				1.00	149	.81	2.00
1963	3 26 8:00	215	131	205	193	3 26				1.05	248	.87	1.62
1964	12 25 23:00	74.8	54.9	65.7	53.0	12 26	-1			1.14	77.4	.97	1.13
1965	2 11 4:00	456	217	362	163	2 11				1.26	534	.85	1.29
1966	12 8 14:00	244	124	231	157	12 8				1.06	321	.76	1.75
1967	4 3 20:00	190	77.6	152	135	4 3				1.25	197	.96	1.89
1968	2 2 22:00	671	88.9	481	365	2 2				1.40	735	.91	1.14
1969	1 31 6:51	311	105	266	138	1 31				1.17	410	.76	1.53
1970	4 3 6:43	96.8	53.2	91.7	80.4	4 3				1.06	116	.83	1.66
1971	3 16 8:49	147	68.5	136	101	3 16				1.08	187	.79	1.65
1972	3 23 0:48	207	140	149	76.2	3 23				1.39	189	1.09	.83
1973	3 12 16:43	213	94.6	200	131	3 12				1.07	287	.74	1.74
1974	1 28 5:39	222	129	198	118	1 28				1.12	272	.81	1.51
1975	2 25 4:31	225	153	177	76.5	2 25				1.27	239	.94	1.13
1976	3 6 4:53	473	163	348	147	3 6				1.36	541	.87	1.21
1977	3 13 17:15	411	207	326	249	3 13				1.26	424	.97	1.87
1978	4 2 6:28	237	123	216	159	4 2				1.10	291	.81	1.56
1979	3 5 10:03	425	137	355	145	3 5				1.20	569	.75	1.51

02HK004 TRENT RIVER AT GLEN ROSS

DRAINAGE AREA 12000 SQ KM

REGULATED

PERIOD OF RECORD 1963-79

RECORDING GAUGE 1965-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1965	4 29 15:30	456	436	450	450	4 29		450	04 20	1.01	457	1.00	1.00
1966	1 14 7:00	453	368	425	402	1 13	1	439	12 15	1.07	465	.97	1.18
1967	11 17 14:00	430	419	425	425	11 18	-1			1.01	428	1.00	.75
1968	3 20 11:00	442	399	419	405	3 21	-1			1.05	436	1.01	.85
1969	5 22 9:25	530	504	510	504	5 23	-1			1.04	516	1.03	.46
1970	4 24 9:13	391	379	385	385	4 25	-1			1.02	388	1.01	.67
1971	4 29 23:42	518	513	518	518	4 28	1			1.00	520	1.00	2.00
1972	4 16 3:00	515	493	513	501	4 16				1.00	529	.97	1.78
1973	4 11 18:41	564	561	564	558	4 12	-1			1.00	568	.99	2.00
1974	4 24 10:59	493	479	481	470	4 25	-1			1.02	487	1.01	.78
1975	NO DATA							476	04 30				
1976	4 7 18:32	705	685	702	699	4 7				1.00	712	.99	1.54
1977	3 15 10:21	362	343	351	351	3 15				1.03	355	1.02	.53
1978	4 7 18:01	518	436	498	493	4 7		515	04 24	1.06	517	1.00	.98
1979	4 7 16:24	647	618	634	627	4 7				1.02	645	1.00	.94

02GD019 TROUT CREEK NEAR FAIRVIEW

DRAINAGE AREA 36.0 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1966-79

RECORDING GAUGE 1967-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1967	4 3 0:30	21.1	3.45	9.40	1.64	4 3		9.54	01 25	2.24	16.3	1.30	.74
1968	2 2 14:00	22.3	3.37	17.2	7.93	2 2				1.30	28.8	.78	1.39
1969	3 20 23:30	17.4	7.33	11.6	5.18	3 21	-1			1.50	16.9	1.03	.98
1973	4 6 19:39	18.6	5.95	11.0	9.09	4 8				1.69	14.5	1.28	.63
1971	4 2 4:54	16.3	3.34	13.1	7.59	4 2				1.24	20.7	.79	1.41
1972	4 13 10:10	16.5	7.67	12.8	4.42	4 13				1.38	18.8	.92	1.14
1973	3 11 19:35	18.9	2.41	8.98	7.99	3 11				2.18	12.8	1.48	.55
1974	3 5 2:12	19.8	10.8	11.4	3.48	3 5		12.8	05 17	1.74	15.7	1.26	.67
1975	4 19 4:21	24.8	5.27	15.8	3.65	4 19				1.65	25.5	.97	1.84
1976	3 5 16:50	19.9	.963	9.80	8.24	3 5				2.03	15.8	1.33	.68
1977	3 13 3:07	22.7	14.6	18.3	8.64	3 13				1.24	25.8	.91	1.21
1978	4 7 19:41	17.4	10.1	14.8	8.35	4 7		14.9	04 11	1.24	18.8	.93	1.17
1979	4 14 8:13	22.8	6.99	17.8	4.83	4 14				1.29	28.1	.78	1.38

02GD009 TROUT CREEK NEAR ST MARYS

DRAINAGE AREA 140 SQ KM REGULATED

PERIOD OF RECORD 1949-79

RECORDING GAUGE 1958-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1950	4 4 13:00	54.4	36.5	46.7	32.8	4 5	-1			1.16	58.8	.93	1.22
1951	NO DATA												
1952	NO DATA							28.4	03 11				
1953	NO DATA												
1954	NO DATA							63.4	02 16				
1955	NO DATA							35.1	03 11				
1956	NO DATA							47.6	03 07				
1957	NO DATA							43.9	11 15				
1958	NO DATA							9.83	03 24				
1959	NO DATA							48.2	04 02				
1960	4 3 22:00	59.5	41.9	48.4	44.7	4 3				1.23	53.5	1.11	.63
1961	NO DATA							29.7	02 24				
1962	3 25 20:00	23.6	12.2	18.0	18.0	3 24	1			1.31	20.9	1.13	.68
1963	3 26 1:00	52.7	29.2	43.8	33.7	3 26				1.23	54.6	.97	1.09
1964	12 26 0:30	24.0	9.43	18.4	7.85	12 26				1.30	28.6	.84	1.29
1965	2 11 2:30	47.3	12.2	39.9	18.4	2 11				1.19	64.5	.73	1.54
1966	11 18 19:00	28.1	2.33	4.58	3.65	11 18		10.2	02 12	6.24	6.81	4.68	.12
1967	4 4 16:00	21.6	5.88	15.2	12.8	4 4				1.42	21.5	1.88	.99
1968	NO DATA							19.0	02 07				
1969	3 28 13:00	10.9	6.12	6.65	6.57	3 29	-1	7.73	02 04	1.64	6.96	1.57	.13
1970	12 5 12:00	10.9	5.49	8.47	5.83	12 5		9.74	04 11	1.29	11.3	.97	1.07
1971	4 9 22:32	9.85	9.57	9.66	9.57	4 10	-1			1.02	9.75	1.01	.64
1972	4 19 20:23	14.2	13.2	13.5	7.65	4 19		3.19	04 15	1.05	16.6	.86	1.63
1973	3 14 10:30	11.6	5.18	5.61	2.89	3 14		7.78	03 18	2.07	7.23	1.61	.42
1974	5 17 21:12	25.6	17.4	22.1	16.1	5 18	-1			1.16	27.5	.93	1.21
1975	7 29 8:45	58.4	31.7	48.1	21.0	7 29				1.05	69.8	.72	1.01
1976	3 8 8:37	15.4	8.18	15.3	14.8	3 8				1.01	19.2	.88	1.95
1977	3 16 14:40	19.4	15.8	18.8	18.5	3 17	-1			1.03	28.5	.95	1.47
1978	4 12 18:00	30.8	24.1	28.2	26.7	4 12				1.06	31.8	.97	1.22
1979	4 15 6:26	26.3	13.6	24.5	18.8	4 15				1.07	33.2	.79	1.66

09QC003 TROUTLAKE RIVER BELOW BIG FALLS

DRAINAGE AREA 2370 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1971-79

RECORDING GAUGE 1971-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1971	4 22 21:47	47.3	45.6	46.7	45.9	4 22				1.01	47.7	.99	1.23
1972	5 3 17:26	32.3	30.6	32.8	31.1	5 3				1.01	33.2	.97	1.59
1973	4 22 19:10	44.7	33.4	43.9	41.1	4 22				1.02	50.6	.88	1.79
1974	NO DATA							100	05 25				
1975	6 25 0:20	46.7	43.0	45.3	42.8	6 25				1.03	47.7	.98	1.26
1976	4 18 11:15	37.4	32.8	36.8	34.8	4 18				1.02	40.2	.93	1.78
1977	9 12 7:00	43.6	37.9	42.8	42.8	9 11	1			1.02	45.3	.96	1.91
1978	5 12 15:20	69.1	49.6	59.5	57.8	5 12				1.16	65.3	1.06	.75
1979	5 19 19:50	41.4	38.8	39.4	38.2	5 20	-1			1.05	40.3	1.03	.62

05PB014 TURTLE RIVER NEAR NINE CENTRE

DRAINAGE AREA 4870 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1914-79

RECORDING GAUGE 1958-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1958	7 22 9:15	56.9	55.8	56.4	56.4	7 22				1.01	56.7	1.00	.75
1959	NO DATA							73.1	06 07				
1960	6 6 15:00	105	103	104	104	6 5	1			1.01	104	1.00	.67
1961	4 25 18:00	70.8	69.1	70.5	70.5	4 25				1.00	71.2	.99	1.40
1962	5 24 21:30	164	161	163	163	5 24				1.01	164	1.00	1.00
1963	NO DATA							153	06 16				
1964	5 12 17:00	192	189	190	190	5 12				1.01	190	1.01	.40
1965	5 25 13:15	140	134	136	135	5 26	-1			1.03	137	1.02	.55
1966	5 22 14:00	195	191	193	193	5 22		194	05 25	1.01	194	1.01	.67
1967	NO DATA							99.1	04 21				
1968	6 17 12:15	163	159	160	160	6 16	1			1.02	160	1.02	.29
1969	6 7 11:30	124	120	123	123	6 6	1			1.01	124	1.00	1.20
1970	5 17 15:00	167	163	164	162	5 17				1.02	165	1.01	.67
1971	11 4 23:30	159	155	157	157	11 4				1.01	158	1.01	.67
1972	NO DATA							138	07 23				
1973	10 17 15:00	84.1	82.1	83.5	83.5	10 17				1.01	84.2	1.00	1.00
1974	6 11 12:35	230	226	229	228	6 11				1.00	231	1.00	1.33
1975	5 5 15:20	121	118	120	120	5 4	1			1.01	121	1.00	1.00
1976	4 21 16:30	126	124	125	125	4 21				1.01	125	1.00	.67
1977	9 28 21:40	92.9	90.9	92.3	91.7	9 28				1.01	93.3	1.00	1.25
1978	6 4 15:04	155	152	154	153	6 4				1.01	155	1.00	1.20
1979	NO DATA												

02HA006 TWENTY MILES CREEK AT BALLS FALLS

DRAINAGE AREA 293 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1957-79

RECORDING GAUGE 1969-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1969	1 31 7:00	79.9	28.3	75.6	53.5	1 31				1.06	110	.72	1.78
1970	4 3 4:00	40.2	16.5	32.3	17.0	4 3				1.24	47.9	.84	1.33
1971	2 28 11:20	69.8	36.8	77.8	46.4	2 28				1.17	112	.68	1.47
1972	3 22 16:30	38.5	29.7	34.8	27.0	3 22		36.8	03 18	1.11	41.3	.93	1.27
1973	12 28 5:17	77.3	42.5	78.2	52.4	12 28				1.10	92.9	.83	1.52
1974	3 5 14:14	74.2	30.9	64.6	39.9	3 5				1.15	93.8	.79	1.51
1975	2 25 6:46	54.7	32.3	49.3	28.6	2 25				1.11	68.2	.80	1.55
1976	3 6 1:40	92.9	53.2	77.3	52.1	3 6		78.2	04 26	1.20	101	.91	1.22
1977	9 27 8:15	63.7	39.9	52.4	29.2	9 27				1.22	70.3	.91	1.22
1978	3 23 23:47	87.8	57.8	79.6	77.0	3 22	1			1.10	91.8	.96	1.28
1979	3 5 5:03	123	50.6	103	66.2	3 5				1.19	147	.83	1.38

02HC043 URFE CREEK NEAR BROUGHAM

DRAINAGE AREA 2.85 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1974-76

RECORDING GAUGE 1975-76

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1975	2 24 14:31	3.54	.697	1.45	.854	2 24				2.44	2.52	1.40	.68
1976	3 20 15:30	3.45	.845	1.15	.668	3 20				3.00	1.94	1.78	.51

02EC101 UXBRIDGE BROOK AT UXBRIDGE

DRAINAGE AREA 24.3 SQ KM REGULATED

PERIOD OF RECORD 1978-79

RECORDING GAUGE 1971-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1971	6 27 22:00	4.53	.400	.906	.305	6 28	-1			5.00	1.42	3.20	.25
1972	4 13 18:34	2.66	1.93	1.98	1.30	4 14	-1			1.34	2.35	1.13	.78
1973	3 4 18:48	3.82	.430	2.50	.702	3 4				1.53	4.43	.86	1.19
1974	3 5 4:45	3.40	1.61	2.83	.600	3 5				1.20	4.52	.75	1.49
1975	3 19 17:26	5.10	2.03	2.25	.645	3 20	-1	2.41	02 25	2.27	3.16	1.61	.49
1976	3 21 2:02	3.82	1.59	2.27	.547	3 21				1.68	3.47	1.10	.87
1977	3 10 5:30	1.53	.530	1.27	.861	3 10				1.20	1.84	.83	1.38
1978	5 12 16:48	1.25	.411	.586	.524	5 12		1.14	05 14	2.13	.785	1.77	.38
1979	NO DATA							1.74	03 05				

02GC021 VENISON CREEK NEAR WALSINGHAM

DRAINAGE AREA 68.4 SQ KM REGULATED

PERIOD OF RECORD 1966-79

RECORDING GAUGE 1967-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1967	4 6 8:00	4.45	1.68	3.65	2.75	4 6		3.85		1.22	5.09	.88	1.28
1968	2 2 19:00	6.46	3.57	6.09	5.35	2 2				1.06	7.72	.84	1.63
1969	1 30 20:54	11.4	9.43	9.74	6.37	1 31	-1			1.17	11.6	.98	1.05
1970	4 3 0:54	5.01	3.34	3.65	2.89	4 3				1.37	4.59	1.09	.81
1971	2 27 22:28	4.81	3.74	4.45	2.97	2 28	-1			1.08	5.55	.87	1.21
1972	3 2 11:00	5.49	1.50	5.32	3.60	3 2				1.03	8.09	.68	1.88
1973	3 15 11:06	4.76	3.28	4.59	3.37	3 15				1.04	5.86	.81	1.76
1974	3 5 6:20	4.93	3.37	4.79	4.02	3 5				1.03	5.89	.84	1.77
1975	2 24 20:38	4.70	2.48	4.19	4.05	2 24				1.12	5.16	.91	1.31
1976	2 19 17:54	6.03	5.69	5.97	5.47	2 19				1.01	6.36	.95	1.73
1977	12 15 7:29	5.69	4.81	5.64	5.18	12 15				1.01	6.29	.91	1.86
1978	3 21 13:30	11.0	6.24	8.41	7.56	3 22	-1			1.31	8.92	1.23	.33
1979	3 4 29:09	9.28	7.31	7.52	3.96	3 5	-1			1.23	9.41	.99	1.03

02CF100 VERMILION RIVER NEAR CAPREOL

DRAINAGE AREA 635 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1970-77

RECORDING GAUGE 1971-77

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1971	4 24 12:00	53.6	52.4	53.0	52.4	4 24				1.02	53.6	1.00	.86
1972	5 4 13:20	69.9	69.7	69.4	68.5	5 4				1.01	71.7	.97	1.04
1973	5 9 23:29	34.8	30.6	32.8	30.9	5 10	-1			1.04	34.9	.98	1.26
1974	4 30 22:20	47.0	45.0	46.7	45.9	4 30				1.01	48.0	.98	1.41
1975	NO DATA												
1976	NO DATA												
1977	NO DATA												

02CF101 VERMILION RIVER NEAR VAL CARON

DRAINAGE AREA 704 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1970-79

RECORDING GAUGE 1971-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1971	4 24 12:00	52.1	47.3	48.4	47.6	4 24				1.08	49.4	1.06	.41
1972	5 5 5:49	75.8	73.9	74.5	71.1	5 5				1.01	76.5	.98	1.08
1973	5 10 14:31	35.4	28.9	34.8	33.7	5 10				1.02	36.3	.92	1.71
1974	NO DATA							46.4	84 24				
1975	NO DATA							50.1	84 30				
1976	NO DATA												
1977	NO DATA							56.4	84 23				
1978	NO DATA												
1979	NO DATA							138	84 27				

8200812 VEUVE RIVER NEAR VERNER

DRAINAGE AREA 741 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1973-79

RECORDING GAUGE 1973-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1973	5 10 4:50	70.5	58.6	68.0	55.8	5 10				1.04	78.8	.89	1.62
1974	4 17 8:10	115	80.7	104	81.0	4 19	-2	108	11 02	1.11	127	.90	1.36
1975	NO DATA							148	04 22				
1976	4 1 14:34	127	121	125	123	4 2	-1			1.02	128	.99	1.28
1977	3 31 4:41	129	109	125	108	3 31				1.03	141	.91	1.61
1978	4 26 4:40	118	116	117	109	4 26				1.01	121	.97	1.64
1979	4 15 19:31	166	129	162	156	4 15				1.02	181	.91	1.66

8500806 WABIGOON RIVER NEAR QUIBELL

DRAINAGE AREA 6370 SQ KM

REGULATED

PERIOD OF RECORD 1953-79

RECORDING GAUGE 1958-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1958	7 19 20:00	68.2	56.6	66.8	65.4	7 19				1.02	72.6	.94	1.61
1959	7 10 9:00	88.1	84.4	87.8	85.5	7 10				1.00	90.6	.97	1.81
1960	NO DATA							130	04 24				
1961	NO DATA							181	04 23				
1962	8 28 1:30	155	150	154	153	8 27	1			1.01	156	.99	1.43
1963	6 19 10:40	202	201	202	202	6 19				1.00	202	1.00	2.00
1964	10 9 16:00	182	176	181	180	10 9				1.01	184	.99	1.50
1965	NO DATA							170	06 11				
1966	5 24 12:15	224	222	223	220	5 24				1.00	225	1.00	1.33
1967	4 24 3:00	104	103	104	98.0	4 24				1.00	107	.97	2.00
1968	6 15 10:30	130	128	130	129	6 15				1.00	131	.99	2.00
1969	8 17 15:45	157	154	156	154	8 17				1.01	158	.99	1.33
1970	5 6 0:01	271	270	270	267	5 5	1	270	05 04	1.00	271	1.00	1.20
1971	4 20 5:00	176	174	175	169	4 20				1.01	178	.99	1.56
1972	4 23 20:49	105	98.0	104	104	4 23				1.01	107	.98	1.50
1973	4 23 6:09	79.3	77.3	78.2	73.6	4 23				1.01	80.9	.98	1.43
1974	6 11 5:57	276	270	275	273	6 11				1.00	278	.99	1.56
1975	4 29 6:12	144	140	143	143	4 28	1			1.01	144	1.00	1.20
1976	4 19 4:16	141	136	140	133	4 19				1.01	144	.98	1.64
1977	6 21 9:21	102	93.4	101	95.7	6 21				1.01	107	.95	1.73
1978	NO DATA							159	04 29				
1979	4 27 5:10	151	147	151	144	4 27				1.00	156	.96	2.00

02DA006 WANAPITEI RIVER BELOW STINSON GENERATING STATION

REGULATED

DRAINAGE AREA 2750 SQ KM

PERIOD OF RECORD 1974-79

RECORDING GAUGE 1974-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1974	5 17 14:06	79.9	70.2	76.2	74.5	5 18	-1			1.05	80.8	1.00	1.02
1975	6 10 15:06	83.5	70.5	80.7	79.8	6 11	-1			1.03	86.7	.96	1.36
1976	NO DATA							94.3	05 03				
1977	NO DATA							98.0	05 02				
1978	3 24 22:08	54.9	54.1	54.7	54.4	3 24				1.00	55.2	1.00	1.38
1979	4 30 11:05	285	242	276	258	4 30				1.03	302	.94	1.49

02DA005 WANAPITEI RIVER NEAR WANUP

REGULATED

DRAINAGE AREA 3130 SQ KM

PERIOD OF RECORD 1955-79

RECORDING GAUGE 1969-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1969	11 21 12:00	108	101	106	98.0	11 21				1.02	112	.96	1.53
1970	6 4 6:45	247	219	246	237	6 4				1.00	264	.94	1.89
1971	4 17 1:50	148	129	138	137	4 16	1			1.07	143	1.03	.67
1972	4 21 2:56	172	157	168	142	4 21				1.02	186	.92	1.64
1973	NO DATA							146	03 12				
1974	4 15 8:54	150	117	145	111	4 15				1.03	176	.85	1.72
1975	4 20 0:55	163	140	146	117	4 20				1.12	163	1.00	1.01
1976	3 31 20:23	129	119	120	103	4 1	-1			1.00	129	1.00	1.00
1977	3 30 2:57	148	108	145	135	3 30				1.02	168	.88	1.77
1978	4 28 3:32	89.8	82.1	85.5	69.1	4 28				1.05	95.4	.94	1.39
1979	5 1 99:99	326	270	311	283	5 1				1.05	345	.94	1.39

02GD029 WAUBUNO CREEK NEAR DORCHESTER

DRAINAGE AREA 108 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1965-79

RECORDING GAUGE 1966-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1966	12 7 0:00	38.3	3.11	23.7	14.7	12 7				1.28	38.5	.79	1.38
1967	4 3 9:30	25.6	6.51	19.4	4.73	4 3				1.32	33.2	.77	1.38
1968	2 2 11:30	66.5	18.7	55.5	11.9	2 2				1.20	95.9	.69	1.57
1969	1 30 18:15	52.4	1.70	22.6	19.5	1 30				2.32	34.6	1.51	.57
1970	4 2 21:44	15.3	7.59	9.57	6.14	4 3	-1			1.60	12.3	1.25	.64
1971	4 2 8:45	21.4	5.61	15.3	6.65	4 2		15.3	02 28	1.40	24.5	.87	1.28
1972	NO DATA							26.3	03 22				
1973	3 11 21:36	34.8	4.70	15.3	14.6	3 11				2.27	21.0	1.66	.45
1974	3 5 5:10	34.5	14.6	19.7	7.25	3 5		22.6	01 27	1.75	28.5	1.21	.74
1975	2 24 12:15	41.1	6.23	27.8	10.1	2 24				1.48	47.4	.87	1.19
1976	3 5 23:04	78.2	11.2	32.6	23.4	3 5				2.15	47.9	1.47	.58
1977	3 13 9:21	46.2	20.2	32.8	12.4	3 13				1.41	49.3	.94	1.18
1978	4 1 22:44	35.4	18.8	28.8	11.1	4 2	-1			1.77	25.5	1.39	.52
1979	4 14 8:59	35.2	8.11	26.5	8.23	4 14				1.33	44.8	.79	1.36

02HA007 WELLAND RIVER AT MERRITS CHURCH

DRAINAGE AREA 230 SQ KM

REGULATED

PERIOD OF RECORD 1957-79

RECORDING GAUGE 1969-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1969	1 31 17:00	56.4	19.8	52.7	45.9	1 31				1.07	72.6	.78	1.69
1970	12 4 18:46	29.4	20.5	22.0	8.44	12 5	-1	24.5	04 03	1.34	29.5	1.00	1.01
1971	NO DATA							48.1	02 28				
1972	12 7 1:05	31.1	13.5	23.7	15.1	12 7		27.1	04 17	1.31	33.1	.94	1.12
1973	12 24 10:31	53.2	39.4	51.0	40.0	12 24				1.04	61.9	.86	1.66
1974	2 23 5:52	44.2	15.1	41.6	32.3	2 23				1.06	59.5	.74	1.75
1975	NO DATA							35.4	02 25				
1976	3 6 2:30	67.4	39.9	61.7	37.1	3 6				1.09	84.9	.79	1.61
1977	12 16 9:02	47.9	42.2	47.9	40.2	12 16				1.02	52.0	.91	1.73
1978	NO DATA							48.1	03 22				
1979	12 26 1:46	53.6	42.4	49.3	27.9	12 26				1.09	63.5	.84	1.54

02HC03A WEST DUFFINS CREEK ABOVE GREEN RIVER

DRAINAGE AREA 47.9 SQ KM

REGULATED

PERIOD OF RECORD 1974-79

RECORDING GAUGE 1976-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
										1.38	13.3	.98	1.17
1976	3 21 3:43	11.9	4.84	8.61	3.09	3 21				1.58	13.2	.91	1.13
1977	3 13 6:37	12.0	2.97	8.81	2.61	3 13				2.84	9.39	1.24	.77
1978	5 14 16:27	11.6	1.01	5.69	2.97	5 14		8.61	84 07	1.62	11.4	.98	1.02
1979	3 14 8:00	11.2	1.65	6.93	3.18	3 14							

02HC026 WEST DUFFINS CREEK AT GREEN RIVER

DRAINAGE AREA 94.0 SQ KM

REGULATED

PERIOD OF RECORD 1963-79

RECORDING GAUGE 1975-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
										1.82	29.9	1.13	.85
1975	2 24 21:32	33.7	4.42	18.5	9.88	2 24				1.41	32.3	.89	1.17
1976	3 21 4:55	28.9	10.3	20.5	7.05	3 21				1.77	15.1	1.83	.97
1977	12 1 12:18	15.5	1.22	8.78	3.68	12 1		14.7	83 13	1.34	31.4	.81	1.31
1978	4 7 3:44	25.6	7.45	19.1	6.12	4 7				1.81	43.1	.96	1.84
1979	3 14 6:30	41.4	2.48	22.9	2.98	3 14							

02HC041 WEST DUFFINS CREEK NEAR ALTONA

DRAINAGE AREA 17.6 SQ KM

REGULATED

PERIOD OF RECORD 1974-79

RECORDING GAUGE 1976-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
										1.35	5.47	.82	1.29
1976	3 21 3:58	4.58	1.32	3.34	1.18	3 21				1.35	6.38	.88	1.32
1977	3 13 9:36	5.13	1.28	3.79	1.28	3 13				1.84	3.96	1.18	.89
1978	5 14 15:48	4.36	.467	2.37	1.18	5 14		2.67	84 07				
1979	NO DATA							2.18	83 25				

02HC031 WEST HUMBER RIVER AT HIGHWAY NO.7

DRAINAGE AREA 148 SQ KM NATURAL FLOW

PERIOD OF RECORD 1965-79

RECORDING GAUGE 1966-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1966	3 13 19:30	32.8	1.27	9.17	6.17	3 13		17.8	02 11	3.58	14.6	2.24	.37
1967	6 18 20:03	80.4	.337	21.8	13.2	6 10				3.83	35.2	2.28	.39
1968	11 29 1:00	40.5	8.81	18.2	3.37	11 29		20.8	02 02	2.23	30.3	1.34	.78
1969	3 21 9:55	51.3	16.2	27.9	11.3	3 21				1.84	42.1	1.22	.75
1970	4 3 20:08	24.8	10.3	11.0	5.89	4 4	-1			2.25	13.9	1.78	.35
1971	NO DATA												
1972	NO DATA												
1973	NO DATA												
1974	NO DATA												
1975	3 19 19:20	29.7	9.63	14.0	9.43	3 19				2.12	18.5	1.61	.44
1976	3 20 13:09	28.6	6.65	22.2	7.19	3 20		22.4	02 21	1.29	37.5	.76	1.41
1977	NO DATA							17.0	03 05				
1978	NO DATA							29.7	04 01				
1979	4 14 5:58	32.3	10.6	22.0	8.05	4 14		23.8	03 15	1.47	34.7	.93	1.18

02HC034 WEST HUMBER RIVER BELOW CLAIREVILLE DAM

DRAINAGE AREA 194 SQ KM REGULATED

PERIOD OF RECORD 1965-79

RECORDING GAUGE 1966-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1966	3 5 20:00	28.9	5.75	21.9	9.80	3 5				1.32	36.8	.88	1.34
1967	6 18 23:30	68.8	21.5	30.8	.892	6 11	-1	31.4	04 03	2.29	48.8	1.41	.65
1968	11 29 7:00	42.5	3.68	28.1	6.20	11 29				1.51	51.3	.83	1.23
1969	3 21 7:36	37.7	23.5	32.3	22.6	3 21				1.17	41.6	.91	1.26
1970	4 4 1:01	22.9	7.87	15.7	10.3	4 4				1.46	22.3	1.03	.96
1971	4 2 9:59	45.3	12.3	38.2	22.9	4 2				1.19	58.8	.77	1.49
1972	4 11 23:59	58.0	40.5	45.9	34.0	4 13	-2			1.26	54.6	1.06	.83
1973	3 11 21:50	54.7	21.1	30.9	9.17	3 12	-1			1.77	46.7	1.17	.88
1974	5 17 99:99	71.9	4.47	52.4	20.2	5 17				1.37	92.5	.78	1.35
1975	2 25 2:43	58.3	36.5	49.6	12.1	2 25				1.18	74.9	.78	1.49
1976	3 20 22:58	42.5	35.4	39.6	17.1	3 21	-1			1.07	53.0	.80	1.64
1977	3 13 8:57	40.5	3.62	25.3	11.4	3 13		27.9	10 09	1.62	42.5	.95	1.06
1978	4 1 23:37	56.4	25.3	39.4	28.9	4 1				1.43	51.7	1.09	.84
1979	3 14 10:33	53.8	3.26	34.3	12.4	3 14		45.5	12 25	1.57	60.8	.89	1.15

02AC004 WHITE RIVER BELOW WHITE LAKE

DRAINAGE AREA 4170 SQ KM

REGULATED

PERIOD OF RECORD 1959-79

RECORDING GAUGE 1960-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1960	5 9 19:20	297	260	264	262	5 9				1.13	267	1.11	.17
1961	5 24 18:30	242	239	239	237	5 24		239	05 22	1.01	240	1.01	.58
1962	5 13 0:30	173	167	169	166	5 12	1			1.02	171	1.01	.77
1963	6 24 9:30	245	222	229	227	6 24				1.07	233	1.05	.44
1964	5 12 11:30	306	278	300	297	5 12				1.02	312	.98	1.35
1965	5 16 0:00	188	182	187	183	5 16				1.01	191	.98	1.64
1966	5 27 10:45	334	328	331	331	5 26	1			1.01	332	1.00	.67
1967	5 11 14:00	234	232	232	229	5 11		233	05 09	1.01	233	1.00	.86
1968	7 24 13:00	203	197	201	201	7 24				1.01	203	1.00	1.11
1969	5 11 2:00	202	199	201	201	5 10	1			1.00	202	1.00	1.00
1970	5 8 13:55	165	158	162	161	5 8				1.02	164	1.00	.91
1971	5 30 12:43	220	210	219	216	5 30				1.00	225	.98	1.71
1972	5 18 2:32	228	225	226	221	5 18				1.01	229	1.00	1.20
1973	5 16 2:46	251	244	249	245	5 16				1.01	253	.99	1.30
1974	5 18 13:12	212	209	210	210	5 17	1			1.01	210	1.01	.48
1975	5 13 2:00	193	191	192	190	5 13				1.01	193	1.00	1.28
1976	4 27 20:48	317	309	317	314	4 27				1.00	322	.98	2.88
1977	4 27 16:07	208	197	206	206	4 27				1.01	210	.99	1.38
1978	NO DATA												
1979	5 16 11:07	428	418	425	418	5 16				1.01	432	.99	1.40

02GE008 WHITEMANS CREEK NEAR MOUNT VERNON

DRAINAGE AREA 383 SQ KM

REGULATED

PERIOD OF RECORD 1961-79

RECORDING GAUGE 1969-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1969	1 31 3:00	65.4	28.8	58.7	29.4	1 31				1.29	76.3	.86	1.27
1970	4 5 1:00	23.6	22.5	22.7	19.8	4 5				1.04	24.3	.97	1.27
1971	4 3 23:11	48.7	33.1	40.2	27.2	4 4	-1			1.21	50.3	.97	1.88
1972	3 23 17:00	41.9	25.8	35.4	27.7	3 23				1.18	44.1	.95	1.14
1973	NO DATA							47.6	03 13				
1974	5 18 99:99	79.3	34.0	46.2	17.8	5 18		49.0	03 06	1.72	66.9	1.19	.77
1975	2 26 16:33	45.0	31.4	34.3	21.4	2 26				1.31	42.2	1.07	.85
1976	3 6 13:41	60.0	12.5	48.7	43.6	3 6				1.23	69.4	.87	1.29
1977	3 14 15:35	62.6	51.8	60.0	43.9	3 14				1.04	72.2	.87	1.65
1978	4 2 7:49	49.8	27.6	43.9	43.6	4 2				1.12	52.2	.94	1.24
1979	4 15 14:25	72.5	45.6	66.0	44.1	4 15				1.10	87.1	.83	1.53

02CF007 WHITSON RIVER AT CHELMSFORD

DRAINAGE AREA 272 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1960-79

RECORDING GAUGE 1962-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1962	4 10 11:00	25.7	23.9	25.3	22.8	4 10				1.02	27.3	.94	1.66
1963	NO DATA							32.8	04 04				
1964	NO DATA												
1965	4 15 4:00	50.1	46.7	48.7	43.6	4 15				1.03	52.3	.96	1.43
1966	3 24 15:30	27.2	9.77	25.7	22.9	3 24				1.06	35.1	.78	1.72
1967	4 9 8:00	39.9	30.6	31.1	30.3	4 9				1.28	31.8	1.26	.14
1968	4 1 0:01	27.9	23.8	26.6	25.1	3 31	1			1.05	28.8	.97	1.25
1969	4 14 6:00	41.1	37.9	40.2	38.5	4 14				1.02	42.2	.97	1.38
1970	6 4 16:33	29.4	28.6	29.2	27.7	6 4				1.01	30.3	.97	1.68
1971	4 19 7:11	48.1	45.6	47.6	45.0	4 19				1.01	49.9	.96	1.64
1972	4 25 0:30	45.0	29.4	43.9	43.3	4 25				1.03	51.5	.87	1.75
1973	NO DATA							21.8	03 16				
1974	4 16 7:14	38.2	36.8	37.7	37.4	4 17	1			1.01	38.7	.99	1.33
1975	4 23 4:10	51.5	49.3	51.0	50.4	4 23				1.01	52.2	.99	1.39
1976	4 4 8:59	44.5	37.7	43.6	41.9	4 4				1.02	47.4	.94	1.62
1977	4 2 4:49	45.3	37.9	43.6	36.5	4 2				1.04	50.8	.91	1.58
1978	4 25 2:51	38.8	37.1	37.4	32.0	4 25				1.04	40.3	.96	1.34
1979	4 19 5:00	60.0	51.8	57.9	56.1	4 18	1			1.04	61.9	.97	1.31

02CF005 WHITSON RIVER AT VAL CARON

NATURAL FLOW

DRAINAGE AREA 155 SQ KM

PERIOD OF RECORD 1960-79

RECORDING GAUGE 1975-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1975	4 20 19:24	28.3	23.3	27.5	26.4	4 21	-1			1.03	30.2	.94	1.54
1976	4 2 19:21	23.8	20.8	21.7	20.2	4 3	-1			1.06	22.9	1.80	.96
1977	3 31 10:29	27.1	11.5	25.7	23.8	3 31				1.05	33.8	.88	1.70
1978	4 24 99:99	19.8	16.6	17.5	16.6	4 24				1.13	18.4	1.88	.56
1979	NO DATA							29.9	04 18				

02ED009 WILLOW CREEK ABOVE LITTLE LAKE

NATURAL FLOW

DRAINAGE AREA 94.8 SQ KM

PERIOD OF RECORD 1973-79

RECORDING GAUGE 1973-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1973	3 12 01:39	23.6	8.98	18.2	8.21	3 12				1.30	27.8	.85	1.28
1974	4 4 8:06	26.6	6.51	24.2	12.9	4 4				1.10	38.7	.69	1.72
1975	4 19 7:39	30.3	8.98	26.8	12.9	4 19				1.13	42.7	.71	1.64
1976	3 25 19:33	31.1	10.5	30.0	19.7	3 25				1.04	44.9	.69	1.86
1977	3 13 21:17	29.2	23.7	26.6	19.8	3 14	-1			1.10	31.5	.93	1.30
1978	4 11 20:55	15.7	9.97	10.5	10.8	4 12	-1			1.50	11.0	1.43	.18
1979	3 24 22:31	26.5	20.2	21.8	8.82	3 25	-1			1.22	29.5	.90	1.24

02EC010 WILLOW CREEK AT HIGHURST

DRAINAGE AREA 127 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1973-79

RECORDING GAUGE 1973-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1973	3 13 1:33	13.5	12.1	12.9	10.9	3 13				1.05	14.5	.93	1.45
1974	3 8 12:36	12.8	8.21	12.3	11.2	3 8				1.04	14.9	.86	1.68
1975	4 20 1:49	18.3	11.5	17.8	14.1	4 20				1.08	21.2	.86	1.53
1976	3 26 16:41	17.2	10.6	16.8	16.8	3 26				1.02	19.9	.86	1.77
1977	3 15 19:13	20.2	15.1	19.9	19.2	3 15				1.02	22.7	.89	1.88
1978	4 14 6:47	10.8	10.4	10.5	9.66	4 14				1.03	11.8	.98	1.22
1979	3 25 23:28	15.0	13.6	13.9	10.7	3 26	-1			1.08	15.7	.96	1.23

02HD009 WILMOT CREEK NEAR NEWCASTLE

DRAINAGE AREA 82.6 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1965-79

RECORDING GAUGE 1967-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1967	3 26 20:00	13.7	3.65	6.71	4.53	3 27	-1			2.04	9.33	1.47	.55
1968	3 18 19:00	16.4	8.13	8.30	5.38	3 18		9.74	82 02	1.98	9.85	1.67	.32
1969	1 31 0:01	10.6	2.72	5.66	4.25	1 30	1			1.87	7.84	1.35	.61
1970	4 29 13:46	6.57	.968	3.14	2.20	4 20		3.31	03 23	2.09	4.78	1.48	.62
1971	4 2 19:29	9.06	2.39	7.48	4.47	4 2				1.21	11.5	.79	1.44
1972	4 13 11:11	19.7	6.65	11.4	6.88	4 13				1.73	16.5	1.20	.76
1973	2 2 14:01	15.4	1.85	8.47	5.58	2 2		12.9	83 04	1.82	13.6	1.13	.85
1974	3 5 4:88	21.4	3.99	10.6	3.28	3 5				2.02	17.6	1.22	.78
1975	2 24 12:47	21.5	5.18	14.1	4.02	2 24				1.52	23.6	.91	1.12
1976	3 21 7:56	16.3	7.02	12.1	3.83	3 21				1.35	19.2	.85	1.25
1977	NO DATA							8.50	83 13				
1978	4 1 18:25	17.6	4.11	9.20	4.87	4 1		11.3	81 27	1.91	13.9	1.27	.72
1979	3 4 18:26	30.5	2.64	15.6	13.7	3 4				1.96	23.8	1.32	.67

02HM004 WILTON CREEK NEAR NAPANEE

NATURAL FLOW

DRAINAGE AREA 112 SQ KM

PERIOD OF RECORD 1965-79

RECORDING GAUGE 1965-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1965	11 28 1100	12.9	8.67	11.1	7.39	11 28				1.16	14.2	.91	1.26
1966	NO DATA							12.3	03 03				
1967	3 30 2100	18.3	15.3	16.1	13.1	3 30				1.14	18.8	1.02	.93
1968	3 19 2130	18.3	15.5	17.0	14.5	3 19				1.08	19.8	.96	1.21
1969	3 25 12111	27.8	13.3	26.2	22.1	3 25				1.06	34.7	.88	1.88
1970	3 25 18132	22.1	18.6	19.3	18.5	3 25				1.15	20.1	1.10	.42
1971	4 11 2141	20.6	13.8	19.2	19.1	4 10	1			1.07	22.4	.92	1.38
1972	4 13 22131	23.8	13.7	21.7	21.1	4 13				1.10	26.8	.92	1.34
1973	4 3 15110	16.9	8.07	15.6	14.3	4 3				1.08	20.8	.84	1.55
1974	4 4 19154	27.4	9.09	22.8	22.8	4 4				1.20	29.7	.92	1.20
1975	NO DATA							22.1	03 20				
1976	NO DATA							22.7	03 22				
1977	NO DATA							27.9	03 13				
1978	NO DATA							21.8	04 02				
1979	NO DATA							20.5	03 06				

04CB001 WINDIGO RIVER ABOVE MUSKRAT DAM

NATURAL FLOW

DRAINAGE AREA 10800 SQ KM

PERIOD OF RECORD 1967-79

RECORDING GAUGE 1968-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1968	7 14 14100	196	187	190	188	7 14		191	06 24	1.03	196	1.00	1.04
1969	10 16 12100	340	340	340	337	10 15	1	340	10 13	1.00	341	1.00	2.00
1970	7 22 14145	221	213	217	214	7 22				1.02	220	1.00	.93
1971	5 16 12156	248	240	245	238	5 16				1.01	251	.99	1.33
1972	4 29 8121	252	245	247	243	4 29				1.02	250	1.01	.75
1973	5 22 12109	212	209	211	209	5 22				1.00	213	1.00	1.33
1974	9 19 19106	306	303	303	300	9 19		303	09 08	1.01	304	1.00	.67
1975	8 19 2117	244	243	244	243	8 18	1			1.00	245	1.00	2.00
1976	NO DATA							159	05 20				
1977	5 30 12100	101	99.4	101	101	5 29	1			1.00	101	.99	2.00
1978	9 3 16133	195	185	192	191	9 3				1.02	196	.99	1.14
1979	5 29 16130	214	213	214	212	5 30	-1			1.00	215	.99	2.00

04DA002 WINISK RIVER AT KANUCHUAN RAPIDS

DRAINAGE AREA 19000 SQ KM

PERIOD OF RECORD 1967-77

RECORDING GAUGE 1978-77

NATURAL FLOW

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1970	10 19 16:53	476	473	476	476	10 19				1.00	477	1.00	2.00
1971	5 28 17:00	688	682	688	685	5 28				1.00	692	.99	2.00
1972	6 7 17:23	453	450	453	450	6 7				1.00	456	.99	2.00
1973	6 4 18:10	513	510	513	507	6 5	-1			1.00	517	.99	2.00
1974	6 28 22:56	830	827	830	827	6 27	1			1.00	833	1.00	2.00
1975	6 26 16:30	447	436	447	445	6 26				1.00	453	.99	2.00
1976	6 3 15:20	379	377	379	379	6 3				1.00	380	1.00	2.00
1977	6 3 16:31	258	257	258	256	6 3				1.00	259	.99	2.00

04DC001 WINISK RIVER BELOW ASHEWIG RIVER TRIBUTARY

DRAINAGE AREA 58000 SQ KM

PERIOD OF RECORD 1965-79

RECORDING GAUGE 1966-79

NATURAL FLOW

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1966	5 23 11:15	2670	2380	2460	2030	5 20				1.09	2755	.97	1.17
1967	NO DATA							2410	06 20				
1968	NO DATA							1430	11 02				
1969	10 9 19:00	1630	1620	1630	1630	10 9				1.00	1635	1.00	2.00
1970	NO DATA							1440	06 01				
1971	NO DATA							2120	05 20				
1972	NO DATA							1530	05 23				
1973	NO DATA							2240	05 21				
1974	NO DATA												
1975	8 16 16:56	1590	1550	1590	1560	8 16				1.00	1625	.98	2.00
1976	NO DATA							1440	05 18				
1977	NO DATA							686	05 21				
1978	NO DATA							951	06 07				
1979	5 13 0:33	1270	1240	1250	1180	5 13				1.02	1298	.98	1.33

02HC046 MIXON CREEK BELOW ALTONA

NATURAL FLOW

DRAINAGE AREA 19.6 SQ KM

PERIOD OF RECORD 1974-79

RECORDING GAUGE 1975-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
										2.22	8.63	1.22	.81
1975	2 24 19:26	10.5	.374	4.73	1.28	2 24				1.69	5.70	.99	1.01
1976	3 21 4:08	5.64	1.28	3.34	.677	3 21				2.46	4.54	1.39	.69
1977	3 13 5:08	6.31	.733	2.56	.433	3 13				2.89	3.22	1.71	.54
1978	5 14 14:14	5.49	.215	1.90	.951	5 14		2.61	04 07	1.93	4.79	1.18	.98
1979	3 14 6:15	5.26	.268	2.73	1.08	3 14							

02AC001 WOLF RIVER AT HIGHWAY NO.17

NATURAL FLOW

DRAINAGE AREA 736 SQ KM

PERIOD OF RECORD 1971-79

RECORDING GAUGE 1971-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
										1.03	215	.83	1.78
1971	5 26 7:46	179	117	174	148	5 26				1.09	92.8	1.02	.88
1972	5 3 16:46	94.6	82.4	86.7	78.7	5 3				1.02	64.5	.90	1.74
1973	4 23 6:42	58.3	49.8	57.2	50.1	4 23				1.03	78.5	.92	1.58
1974	4 28 7:29	72.2	58.3	69.9	64.3	4 28				1.03	61.2	.97	1.38
1975	5 3 0:21	59.5	55.8	57.5	51.8	5 3				1.05	129	.97	1.25
1976	4 20 5:10	125	116	119	102	4 20				1.04	67.8	.84	1.72
1977	9 11 5:37	56.1	38.5	54.0	43.6	9 11				1.04	47.9	.93	1.98
1978	4 30 5:33	44.5	37.7	42.8	37.7	4 30				1.02	104	.98	1.72
1979	5 12 11:14	93.6	72.6	91.5	84.8	5 12							

02GD013 WYE CREEK NEAR THORNDALE

DRAINAGE AREA 38.9 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1953-79

RECORDING GAUGE 1974-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1974	3 5 3:41	23.4	6.68	10.8	2.81	3 5				2.17	16.9	1.39	.65
1975	4 19 7:49	16.3	1.34	8.61	2.48	4 19				1.89	15.3	1.06	.93
1976	3 5 15:25	63.1	4.05	24.8	4.98	3 5				2.54	45.1	1.40	.69
1977	3 13 3:11	42.5	12.8	19.9	4.76	3 13		32.3	03 10	2.14	31.0	1.37	.66
1978	4 1 17:36	26.8	3.45	13.6	8.98	4 1				1.97	21.8	1.28	.72
1979	4 14 2:28	20.2	3.68	11.4	2.89	4 14				1.77	19.5	1.04	.96

02ED011 WYE RIVER AT WYEBRIDGE

DRAINAGE AREA 168 SQ KM

NATURAL FLOW

PERIOD OF RECORD 1973-79

RECORDING GAUGE 1974-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	QD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1974	3 6 21:45	24.7	21.1	22.5	15.2	3 7	-1			1.10	26.9	.92	1.33
1975	4 19 9:26	39.9	15.8	33.1	18.3	4 19				1.21	49.2	.81	1.48
1976	3 21 3:56	41.3	12.9	36.2	21.0	3 21				1.14	55.5	.74	1.58
1977	3 13 20:53	40.8	32.8	37.1	25.2	3 14	-1			1.10	45.2	.90	1.37
1978	4 11 16:58	22.4	8.52	15.9	15.8	4 11		16.2	04 08	1.41	19.6	1.14	.73
1979	12 25 4:17	19.8	13.7	16.8	9.59	12 25		16.8	03 24	1.18	22.8	.90	1.26

02KH002 YORK RIVER NEAR BANCROFT

DRAINAGE AREA 837 SQ KM

REGULATED

PERIOD OF RECORD 1915-79

RECORDING GAUGE 1967-79

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	CD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1967	4 19 17:30	56.4	53.8	56.1	55.8	4 19				1.01	57.4	.98	1.62
1968	4 5 12:55	70.2	66.8	67.1	64.0	4 6	-1			1.05	68.8	1.02	.71
1969	4 19 14:55	75.6	70.2	74.5	74.2	4 19				1.01	76.8	.98	1.35
1970	4 27 10:35	75.3	74.2	74.9	73.1	4 28	-1			1.01	76.8	.99	1.39
1971	4 25 3:40	77.6	77.2	77.3	76.5	4 25				1.00	77.8	1.00	1.28
1972	5 4 23:15	92.0	87.5	91.2	90.9	5 4				1.01	93.2	.99	1.43
1973	4 5 17:20	81.6	72.8	80.7	78.4	4 5				1.01	85.8	.95	1.78
1974	5 16 8:41	80.7	77.3	79.6	77.0	5 16				1.01	82.0	.98	1.38
1975	4 27 14:17	79.6	77.3	79.0	78.2	4 27				1.01	80.3	.99	1.35
1976	4 7 0:25	101	95.1	97.4	89.2	4 7				1.04	102	.98	1.19
1977	4 7 9:24	52.7	42.8	49.8	48.4	4 7				1.06	54.8	.98	1.18
1978	4 28 18:53	85.8	76.7	84.1	74.5	4 28				1.02	92.6	.93	1.67
1979	4 6 2:33	79.5	78.5	79.8	76.5	4 6				1.01	80.5	.99	1.58

02GC014 YOUNG CREEK NEAR VITTORIA

DRAINAGE AREA 65.8 SQ KM

REGULATED

PERIOD OF RECORD 1963-78

RECORDING GAUGE 1964-78

DISCHARGES IN CUBIC METRES PER SECOND

YEAR	DATE AND TIME OF PEAK	QP	Q1	Q2	Q3	DATE OF Q2	PEAK INDEX	CD	DATE OF QD	QP/Q2	PREDICTED PEAK QPP	QP/QPP	K
1964	8 23 18:00	3.23	2.41	2.50	1.14	8 24	-1			1.29	3.23	1.00	1.88
1965	3 5 12:30	13.3	11.1	11.4	8.18	3 6	-1			1.17	13.2	1.01	.97
1966	12 7 14:45	4.85	1.92	2.86	2.06	12 8	-1			1.42	3.73	1.30	.84
1967	11 1 16:15	3.96	.821	.850	.725	11 3	-2	2.19	84 07	4.66	.927	4.27	.85
1968	2 2 17:00	5.92	2.83	4.98	3.91	2 2				1.19	6.99	.85	1.36
1969	NO DATA							7.08	81 30				
1970	11 5 8:53	2.47	.974	1.31	1.23	11 4	1	2.02	84 03	1.89	1.52	1.63	.38
1971	2 28 1:45	3.71	2.46	2.94	2.17	2 28				1.26	3.57	1.04	.98
1972	3 2 9:37	10.8	1.95	7.33	3.14	3 2				1.47	12.1	.89	1.16
1973	3 18 3:30	3.99	2.58	3.57	2.46	3 18		3.57	83 15	1.12	4.66	.85	1.44
1974	3 5 16:43	4.19	1.74	3.51	2.92	3 5				1.19	4.69	.89	1.27
1975	9 23 8:53	3.68	.816	.960	.683	9 23		3.09	82 25	3.83	1.21	3.04	.17
1976	3 5 22:31	9.26	3.34	6.74	6.48	3 5				1.37	8.57	1.08	.84
1977	9 26 17:56	12.9	1.75	7.76	6.34	9 26				1.66	11.5	1.12	.84
1978	3 21 19:03	9.71	1.19	6.74	6.23	3 21				1.44	9.77	.99	1.81

Annexe B
Index alphanumérique des stations

STA. NO.	STATION NAME
02AA001	PIGEON RIVER AT MIDDLE FALLS
02AA002	PINE RIVER NEAR CROOKS
02AB001	KAMINISTIKWIA RIVER NEAR DONA
02AB006	KAMINISTIKWIA RIVER AT KAMINISTIKWIA
02AB008	NEEBING RIVER NEAR THUNDER BAY
02AB009	SHEBANDOWAN RIVER AT SUNSHINE
02AB014	NORTH CURRENT RIVER NEAR THUNDER BAY
02AB015	CURRENT RIVER NEAR STEPSTONE
02AC001	WOLF RIVER AT HIGHWAY NO. 17
02AC002	BLACK STURGEON RIVER AT HIGHWAY NO. 17
02AD010	BLACKWATER RIVER AT BEARDMORE
02AE001	GRAVEL RIVER NEAR CAVERS
02BA002	STEEL RIVER NEAR TERRACE BAY
02BA003	LITTLE PIC RIVER NEAR COLDWELL
02BB002	BLACK RIVER NEAR MARATHON
02BB003	PIC RIVER NEAR MARATHON
02BC004	WHITE RIVER BELOW WHITE LAKE
02BD002	MICHIPICOTEN RIVER BELOW SCOT FALLS
02BD003	MAGPIE RIVER NEAR MICHIPICOTEN
02BF001	BATCHAWANA RIVER NEAR BATCHAWANA
02BF002	GOULAIS RIVER NEAR SEARCHMONT
02BF003	BENNET CREEK AT SAULT STE. MARIE
02CA002	ROOT RIVER AT SAULT STE. MARIE
02CB001	MISSISSAGI RIVER BELOW AUBREY FALLS
02CC005	LITTLE WHITE RIVER NEAR BELLINGHAM
02CC008	MISSISSAGI RIVER AT MISSISSAGI CHUTE
02CD001	SERPENT RIVER AT HIGHWAY NO. 17
02CD002	SERPENT RIVER AT OUTLET OF DUNLOP LAKE
02CD003	SERPENT RIVER BELOW QUIRKE LAKE
02CD004	SERPENT RIVER BELOW PECORS LAKE
02CD005	ROCHESTER CREEK ABOVE QUIRKE LAKE
02CD006	SERPENT RIVER ABOVE QUIRKE LAKE
02CE002	AUX SABLES RIVER AT MASSEY
02CF005	JUNCTION CREEK AT SUDBURY
02CF007	WHITSON RIVER AT CHELMSFORD
02CF008	WHITSON RIVER AT VAL CARON
02CF009	NOLIN CREEK AT SUDBURY
02CF010	ONAPING RIVER NEAR LEVACK
02CF100	VERMILION RIVER NEAR CAPREOL
02CF101	VERMILION RIVER NEAR VAL CARON
02CF106	JUNCTION CREEK BELOW KELLEY LAKE
02DB005	WANAPITEI RIVER NEAR WANUP
02DB006	WANAPITEI RIVER BELOW STINSON GENERATING STATION
02DD005	SOUTH RIVER NEAR NIPISSING
02DD008	DUCHESNAY RIVER NEAR NORTH BAY
02DD009	SOUTH RIVER AT SOUTH RIVER
02DD010	FRENCH RIVER AT DRY PINE BAY
02DD012	VEUVE RIVER NEAR VERNER
02DD013	LA VASE RIVER AT NORTH BAY
02DD014	CHIPPEWA CREEK AT NORTH BAY

STA. NO.	STATION NAME
02DD015	COMMANDA CREEK NEAR COMMANDA
02EA005	NORTH MAGNETAWAN RIVER NEAR BURK'S FALLS
02EA006	MAGNETAWAN RIVER NEAR BURK'S FALLS
02EA010	NORTH MAGNETAWAN RIVER ABOVE PICKEREL LAKE
02EA011	MAGNETAWAN RIVER NEAR PRITT
02EA012	SHAWANAGA RIVER AT HIGHWAY NO. 69
02EA013	HARRIS RIVER AT HIGHWAY NO. 69
02EB011	MOON RIVER AT HIGHWAY NO. 69
02EB012	MUSKOKA RIVER AT HIGHWAY NO. 69
02EB013	EAST RIVER NEAR HUNTSVILLE
02EC002	BLACK RIVER NEAR WASHAGO
02EC008	BLACK RIVER AT BALDWIN
02EC009	HOLLAND RIVER AT HOLLAND LANDING
02EC010	SCHOMBERG RIVER NEAR SCHOMBERG
02EC011	BEAVERTON RIVER NEAR BEAVERTON
02EC012	BLACK RIVER AT SUTTON
02EC014	SEVERN RIVER ABOVE WASDELL FALLS
02EC101	UXBRIDGE BROOK AT UXBRIDGE
02EC103	PEFFERLAW BROOK NEAR UDORA
02ED003	NOTTAWASAGA RIVER NEAR BAXTER
02ED004	BAILEY CREEK NEAR BEETON
02ED005	PAD RIVER NEAR GLENCAIRN
02ED007	COLDWATER RIVER AT COLDWATER
02ED009	WILLOW CREEK ABOVE LITTLE LAKE
02ED010	WILLOW CREEK AT MIDHURST
02ED011	WYE RIVER AT WYEBRIDGE
02ED100	BEETON CREEK NEAR TOTTENHAM
02ED101	NOTTAWASAGA RIVER NEAR ALLISTON
02ED102	BOYNE RIVER AT EARL ROWE PARK
02ED103	PINE RIVER NEAR EVERETT
02FA001	SAUBLE RIVER AT SAUBLE FALLS
02FA002	STOKES RIVER NEAR FERNDALE
02FB003	BEAVER RIVER NEAR KIMBERLEY
02FB007	SYDENHAM RIVER NEAR CHEN SOUND
02FB009	BEAVER RIVER NEAR CLARKSBURG
02FB010	BIGHEAD RIVER NEAR MEAFORD
02FC001	SAUGEEN RIVER NEAR PORT ELGIN
02FC002	SAUGEEN RIVER NEAR WALKERTON
02FC011	CARRICK CREEK NEAR CARLSRUHE
02FC012	SOUTH SAUGEEN RIVER NEAR HANOVER
02FC013	NORTH SAUGEEN RIVER NEAR PAISLEY
02FC014	SAUGEEN RIVER NEAR DURHAM
02FC015	TEESWATER RIVER NEAR PAISLEY
02FC016	SAUGEEN RIVER ABOVE DURHAM
02FD001	PINE RIVER AT LURGAN
02FE002	MAITLAND RIVER BELOW WINGHAM
02FE003	MIDDLE MAITLAND RIVER NEAR LISTOWEL
02FE004	MAITLAND RIVER NEAR DONNYBROOK
02FE005	MAITLAND RIVER ABOVE WINGHAM
02FE007	LITTLE MAITLAND RIVER AT BLUEVALE

STA. NO.	STATION NAME
02FE006	MIDDLE MAITLAND RIVER NEAR BELGRAVE
02FE009	SOUTH MAITLAND RIVER AT SUMMERHILL
02FE010	BOYLE DRAIN NEAR ATWOOD
02FF002	AUSABLE RIVER NEAR SPRINGBANK
02FF003	PARKHILL CREEK NEAR PARKHILL
02FF004	SOUTH PARKHILL CREEK NEAR PARKHILL
02FF006	SHIPKA CREEK NEAR GRAND BEND
02FF007	BAYFIELD RIVER NEAR VARNA
02FF008	PARKHILL CREEK ABOVE PARKHILL RESERVOIR
02GA003	GRAND RIVER AT GALT
02GA010	NITH RIVER NEAR CANNING
02GA014	GRAND RIVER NEAR MARSVILLE
02GA015	SPEED RIVER BELOW GUELPH
02GA016	GRAND RIVER BELOW SHAND DAM
02GA017	CONESTOGO RIVER AT DRAYTON
02GA018	NITH RIVER AT NEW HAMBURG
02GA023	CANAGAGIGUE CREEK NEAR ELMIRA
02GA024	LAUREL CREEK AT WATERLOO
02GA026	CONESTOGO RIVER AT GLEN ALLAN
02GA029	ERAMOSA RIVER ABOVE GUELPH
02GA030	ALDER CREEK NEAR NEW DUNDEE
02GA031	BLUE SPRINGS CREEK NEAR EDEN MILLS
02GA032	O.A.C. FARM GAUGE NO. 5 AT GUELPH
02GA033	LUTTERAL CREEK NEAR DUSTIC
02GA034	GRAND RIVER AT WEST MONTROSE
02GA035	EAST CANAGAGIGUE CREEK NEAR FLORADALE
02GA036	CANAGAGIGUE CREEK NEAR FLORADALE
02GA037	SCHNEIDER CREEK AT KITCHENER
02GA038	NITH RIVER ABOVE NITHBURG
02GA039	CONESTOGO RIVER ABOVE DRAYTON
02GA040	SPEED RIVER NEAR ARMSTRONG MILLS
02GB001	GRAND RIVER AT BRANTFORD
02GB006	HORNER CREEK NEAR PRINCETON
02GB007	FAIRCHILD CREEK NEAR BRANTFORD
02GB008	WHITEMANS CREEK NEAR MOUNT VERNON
02GB009	KENNY CREEK NEAR BURFORD
02GB010	MCKENZIE CREEK NEAR CALEDONIA
02GB011	MOUNT PLEASANT CREEK NEAR BURTCH
02GC002	KETTLE CREEK AT ST. THOMAS
02GC004	BIG OTTER CREEK NEAR VIENNA
02GC006	BIG CREEK NEAR DELHI
02GC007	BIG CREEK NEAR WALSINGHAM
02GC008	LYNN RIVER AT SIMCOE
02GC010	BIG OTTER CREEK AT TILLSONBURG
02GC011	BIG CREEK NEAR KELVIN
02GC012	PATTERSON CREEK NEAR SIMCOE
02GC013	DEDRICH CREEK NEAR PORT ROWAN
02GC014	YOUNG CREEK NEAR VITTORIA
02GC015	LITTLE OTTER CREEK NEAR STRAFFORDVILLE
02GC016	SOUTH OTTER CREEK NEAR PORT BURWELL

STA. NO.	STATION NAME
02GC017	BIG OTTER CREEK ABOVE OTTERVILLE
02GC018	CATFISH CREEK NEAR SPARTA
02GC021	VENISON CREEK NEAR WALSINGHAM
02GC022	NANTICOKE CREEK AT NANTICOKE
02GC023	FISHERS CREEK NEAR FISHERS GLEN
02GC024	SILVER CREEK NEAR COPENHAGEN
02GC025	HEMLOCK CREEK NEAR PORT BURWELL
02GC026	BIG OTTER CREEK NEAR CALTON
02GD001	THAMES RIVER NEAR EALING
02GD003	NORTH THAMES RIVER BELOW FANSHAWE DAM
02GD004	MIDDLE THAMES RIVER AT THAMESFORD
02GD005	NORTH THAMES RIVER AT ST. MARYS
02GD008	MEDWAY RIVER AT LONDON
02GD009	TROUT CREEK NEAR ST. MARYS
02GD010	FISH CREEK NEAR PROSPECT HILL
02GD011	CEDAR CREEK AT WOODSTOCK
02GD012	THAMES RIVER AT WOODSTOCK
02GD013	WYE CREEK NEAR THORNDALE
02GD014	NORTH THAMES RIVER NEAR MITCHELL
02GD015	NORTH THAMES RIVER NEAR THORNDALE
02GD016	THAMES RIVER AT INGERSOLL
02GD018	AVON RIVER BELOW STRATFORD
02GD019	TROUT CREEK NEAR FAIRVIEW
02GD020	WAUBUNO CREEK NEAR DORCHESTER
02GD021	THAMES RIVER AT INNERKIP
02GE002	THAMES RIVER AT BYRON
02GE003	THAMES RIVER AT THAMESVILLE
02GE005	DINGMAN CREEK BELOW LAMBETH
02GE006	THAMES RIVER NEAR DUTTON
02GE007	MCGREGOR CREEK NEAR CHATHAM
02GF001	O.A.C. FARM GAUGE NO. 2 NEAR MERLIN
02GG002	SYDENHAM RIVER NEAR ALVINSTON
02GG004	BEAR CREEK ABOVE WILKESPORT
02GG005	SYDENHAM RIVER AT STRATHROY
02GG006	BEAR CREEK NEAR PETROLIA
02GG007	SYDENHAM RIVER NEAR DRESDEN
02GH001	STURGEON CREEK NEAR LEAMINGTON
02GH002	RUSCOM RIVER NEAR RUSCOM STATION
02GH003	CANARD RIVER NEAR LUKERVILLE
02HA006	TWENTY MILE CREEK AT BALLS FALLS
02HA007	WELLAND RIVER AT MERRITTS CHURCH
02HA014	REDHILL CREEK AT HAMILTON
02HB001	CREDIT RIVER NEAR CATARACT
02HB002	CREDIT RIVER AT ERINDALE
02HB004	EAST OAKVILLE CREEK NEAR OMAGH
02HB005	OAKVILLE CREEK AT MILTON
02HB008	ROGERS CREEK AT NORVAL
02HB009	CREDIT RIVER WEST BRANCH AT NORVAL
02HB010	SPENCER CREEK AT DUNDAS CROSSING
02HB011	BRONTE CREEK NEAR ZIMMERMAN

STA. NO.	STATION NAME
02HB012	GRINDSTONE CREEK NEAR ALDERSHOT
02HB013	CREDIT RIVER NEAR ORANGEVILLE
02HB015	SPENCER CREEK NEAR WESTOVER
02HB016	BRONTE CREEK AT PROGRESTON
02HC003	HUMBER RIVER AT WESTON
02HC005	DON RIVER AT YORK MILLS
02HC006	DUFFINS CREEK AT PICKERING
02HC009	EAST HUMBER RIVER NEAR PINE GROVE
02HC012	HUMBER RIVER NEAR CEDAR MILLS
02HC013	HIGHLAND CREEK NEAR WEST HILL
02HC017	ETOBICOKE CREEK AT BRAMPTON
02HC018	LYNDE CREEK NEAR WHITBY
02HC019	DUFFINS CREEK BELOW ARTHUR PERCY DAM
02HC022	ROUGE RIVER NEAR MARKHAM
02HC023	COLD CREEK NEAR BOLTON
02HC024	DON RIVER AT TODMORDEN
02HC025	HUMBER RIVER AT ELDER MILLS
02HC026	WEST DUFFINS CREEK AT GREEN RIVER
02HC027	BLACK CREEK AT SCARLETT ROAD
02HC028	LITTLE ROUGE CREEK NEAR LOCUST HILL
02HC029	LITTLE DON RIVER AT DON MILLS
02HC030	ETOBICOKE CREEK BELOW QUEEN ELIZABETH HIGHWAY
02HC031	WEST HUMBER RIVER AT HIGHWAY NO. 7
02HC032	EAST HUMBER RIVER AT HUMBER TRAILS
02HC033	MIMICO CREEK AT ISLINGTON
02HC034	WEST HUMBER RIVER BELOW CLAIREVILLE DAM
02HC035	STOUFFVILLE CREEK BELOW STOUFFVILLE
02HC036	KATABCKOKONK CREEK ABOVE LOCUST HILL
02HC037	MAJOR CREEK ABOVE GREEN RIVER
02HC038	WEST DUFFINS CREEK ABOVE GREEN RIVER
02HC039	REESOR CREEK ABOVE GREEN RIVER
02HC041	WEST DUFFINS CREEK NEAR ALTONA
02HC042	GANATSEKIAGON CREEK NEAR BROUGHAM
02HC043	URFE CREEK NEAR BROUGHAM
02HC144	BROUGHAM CREEK AT BROUGHAM
02HC045	MICHELL CREEK BELOW CLAREMONT
02HC046	MIXON CREEK BELOW ALTONA
02HD002	GANARASKA RIVER NEAR DALE
02HD003	GANARASKA RIVER NEAR OSACA
02HD004	NORTH WEST GANARASKA RIVER NEAR OSACA
02HD006	BOWMANVILLE CREEK AT BOWMANVILLE
02HD007	SOPER CREEK AT BOWMANVILLE
02HD008	OSHAWA CREEK AT OSHAWA
02HD009	WILMOT CREEK NEAR NEWCASTLE
02HD010	SHELTER VALLEY BROOK NEAR GRAFTON
02HD012	GANARASKA RIVER ABOVE DALE
02HE001	BLOOMFIELD CREEK AT BLOOMFIELD
02HE002	CONSECON CREEK AT ALLISONVILLE
02HE003	DEMORESTVILLE CREEK AT DEMORESTVILLE
02HF002	GULL RIVER AT NORLAND
02HF003	BURNT RIVER NEAR BURNT RIVER
02HF004	BOB CREEK NEAR MINDEN
02HH001	EELS CREEK BELOW APSLEY
02HH002	MISSISSAGUA RIVER BELOW MISSISSAGUA LAKE
02HJ001	JACKSONS CREEK AT PETERBOROUGH
02HJ002	OTONABEE RIVER AT LAKEFIELD
02HJ003	OUSE RIVER NEAR WESTWOOD
02HK003	CROWE RIVER AT MARMORA
02HK004	TRENT RIVER AT GLEN ROSS
02HK005	CROWE RIVER NEAR GLEN ALDA
02HK006	BEAVER CREEK NEAR MARMORA
02HL001	MOIRA RIVER NEAR FOXBORO
02HL003	BLACK RIVER NEAR ACTINOLITE
02HL004	SKOOTAMATTA RIVER NEAR ACTINOLITE
02HL005	MOIRA RIVER NEAR DELORO
02HL101	MOIRA RIVER AT TWEED
02HL102	CLARE RIVER NEAR BOGART
02HL103	PARKS CREEK NEAR LATTA
02HL104	MOIRA RIVER NEAR THOMASBURG
02HM001	NAPANEE RIVER NEAR NAPANEE
02HM002	DEPOT CREEK AT BELLROCK
02HM003	SALMON RIVER NEAR SHANNONVILLE
02HM004	WILTON CREEK NEAR NAPANEE
02HM005	COLLINS CREEK NEAR KINGSTON
02HM006	MILLHAVEN CREEK NEAR MILLHAVEN
02HM007	NAPANEE RIVER AT CAMDEN EAST
02JC008	BLANCHE RIVER ABOVE ENGLEHART
02JC009	BLANCHE RIVER AT SWASTIKA
02JD009	MONTREAL RIVER AT MOUNTAIN CHUTES
02JE014	MATTAWA RIVER NEAR RUTHERGLEN
02JE018	FARR CREEK AT NORTH COBALT
02JE019	AMABLE DU FOND RIVER AT CHAMPLAIN PROVINCIAL PARK
02JE020	MATTAWA RIVER BELOW BOLILLON LAKE
02KA003	PERCH LAKE OUTLET NEAR CHALK RIVER
02KA004	PERCH LAKE INLET NO. 1 NEAR CHALK RIVER
02KA005	PERCH LAKE INLET NO. 2 NEAR CHALK RIVER
02KA006	PERCH LAKE INLET NO. 3 NEAR CHALK RIVER
02KA007	PERCH LAKE INLET NO. 4 NEAR CHALK RIVER
02KA008	PERCH LAKE INLET NO. 5 NEAR CHALK RIVER
02KB001	PETAWAWA RIVER NEAR PETAWAWA
02KC009	BONNECHERE RIVER NEAR CASTLEFORD
02KC014	INDIAN RIVER NEAR PEMBROKE
02KC015	MUSKRAT RIVER NEAR PEMBROKE
02KD002	YORK RIVER NEAR BANCROFT
02KD004	MADAWASKA RIVER AT PALMER RAPIDS
02KE002	MADAWASKA RIVER NEAR ARNPRIOR
02KF005	OTTAWA RIVER AT BRITANNIA
02KF006	MISSISSIPPI RIVER AT APPLETON
02KF010	CLYDE RIVER NEAR LANARK
02KF011	CARP RIVER NEAR KINBURN

STA. NO.	STATION NAME
02KF012	INDIAN RIVER NEAR BLAKENEY
02KF013	CLYDE RIVER AT GORDON RAPIDS
02KF014	FALL RIVER NEAR FALLBROOK
02LA004	RIDEAU RIVER AT OTTAWA
02LA005	RIDEAU RIVER ABOVE SMITHS FALLS
02LA006	KEMPTVILLE CREEK NEAR KEMPTVILLE
02LA007	JOCK RIVER NEAR RICHMOND
02LA046	BLACK RAPIDS CREEK TRIBUTARY AT OTTAWA
02LB005	SOUTH NATION RIVER NEAR PLANTAGENET SPRINGS
02LB006	CASTOR RIVER AT RUSSELL
02LB007	SOUTH NATION RIVER AT SPENCERVILLE
02LB008	BEAR BROOK NEAR BOURGET
02LB012	EAST BRANCH SCOTCH RIVER NEAR ST. ISIDORE DE PRESCOTT
02LB013	SOUTH NATION RIVER AT CASSELMAN
02LB017	NORTH BRANCH SOUTH NATION RIVER NEAR HECKSTON
02LB020	SOUTH CASTOR RIVER AT KENMORE
02LB021	EAST CASTOR RIVER NEAR RUSSELL
02LB022	PAYNE RIVER NEAR BERWICK
02LB101	BEAR BROOK AT CARLSBAD SPRINGS
02LH011	LAPECHE(RIVIERE) A SAINT LOUIS DE MASHAM
02LH012	MEACH(RUISSEAU) SUR LE CHEMIN DES PINS
02LH013	MEACH(RUISSEAU) EN AVAL DU LAC CARMAN
02MA001	LYNDHURST CREEK AT LYNDHURST
02MA002	CATARAQUI RIVER AT CHAFFEYS LOCKS
02MB006	LYN CREEK NEAR LYN
02MC001	RAISIN RIVER NEAR WILLIAMSTOWN
02MC009	SOUTH RAISIN RIVER DIVERSION AT LONG SAULT
04CA002	SEVERN RIVER AT OUTLET OF MUSKRAT DAM LAKE
04CA003	ROSEBERRY RIVER ABOVE ROSEBERRY LAKES
04CA004	SEVERN RIVER BELOW OUTLET OF DEER LAKE
04CB001	WINDIGO RIVER ABOVE MUSKRAT DAM LAKE
04CC001	SEVERN RIVER AT LIMESTONE RAPIDS
04CD001	SACHIGO RIVER BELOW BEAVERSTONE RIVER
04CD002	SACHIGO RIVER BELOW OUTLET OF SACHIGO LAKE
04CE002	FAWN RIVER BELOW BIG TROUT LAKE
04DA001	PIPESTONE RIVER AT KARL LAKE
04DA002	WINISK RIVER AT KANUCHUAN RAPIDS
04DB001	ASHEWEIG RIVER AT STRAIGHT LAKE
04DB002	ASHEWEIG RIVER ABOVE LONG DOG LAKE
04DC001	WINISK RIVER BELOW ASHEWEIG RIVER TRIBUTARY
04DC002	SHAMATTAWA RIVER AT OUTLET OF SHAMATTAWA LAKE
04EA001	EKWAN RIVER BELOW NORTH WASHAGAMI RIVER
04FA001	OTOSKWIN RIVER BELOW BADESDAWA LAKE
04FA002	KAWINOGANS RIVER NEAR PICKLE CROW
04FA003	PINEIMUTA RIVER AT EYES LAKE
04FB001	ATTAWAPISKAT RIVER BELOW ATTAWAPISKAT LAKE
04FC001	ATTAWAPISKAT RIVER BELOW MUKETEI RIVER
04GA002	CAT RIVER BELOW WESLEYAN LAKE
04GA003	PASHKOKOGAN RIVER AT OUTLET OF PASHKOKOGAN LAKE
04GB004	OGOKI RIVER ABOVE WHITECLAY LAKE
04GB005	BRIGHTSAND RIVER AT MOBERLY LAKE
04GC002	ALBANY RIVER BELOW ACHAPI LAKE
04GD001	ALBANY RIVER ABOVE NOTTIK ISLAND
04HA001	ALBANY RIVER NEAR HAT ISLAND
04JA002	KABINAKAGAMI RIVER AT HIGHWAY NO. 11
04JC002	NAGAGAMI RIVER AT HIGHWAY NO. 11
04JC003	SHEKAK RIVER AT HIGHWAY NO. 11
04JD005	PAGWACHUAN RIVER AT HIGHWAY NO. 11
04JF001	LITTLE CURRENT RIVER AT PERCY LAKE
04JG001	KENOGAMI RIVER NEAR MAMMAMATTAWA
04KA001	KWATAGOAHEGAN RIVER NEAR THE MOUTH
04LA002	MATTAGAMI RIVER NEAR TIMMINS
04LD001	GROUNDHOG RIVER AT FAUQUIER
04LG002	MOOSE RIVER AT MOOSE RIVER
04LJ001	MISSINAIBI RIVER AT MATTICE
04LM001	MISSINAIBI RIVER BELOW WABOOSE RIVER
04MD004	PORCUPINE RIVER AT HOYLE
04ME003	ABITIBI RIVER AT ONAKAWANA
04MF001	NORTH FRENCH RIVER NEAR THE MOUTH
05PA006	NAMAKAN RIVER AT OUTLET OF LAC LA CROIX
05PA012	RAINWOOD RIVER NEAR WATCH
05PB014	TURTLE RIVER NEAR MINE CENTRE
05PB015	PIPESTONE RIVER ABOVE RAINY LAKE
05PC011	PIDGEWOOD RIVER NEAR PIDGEWOOD
05PC016	LA VALLEE RIVER NEAR DEVLIN
05PC018	RAINY RIVER AT MANITOU RAPIDS
05PD022	NORTHWEST TRIBUTARY TO LAKE 239 NEAR KENORA
05PD026	BERRY CREEK AT THE OUTLET OF BERRY LAKE
05QA001	ENGLISH RIVER NEAR SIOUX LOOKOUT
05QA002	ENGLISH RIVER AT UMFREVILLE
05QA004	WARCHINGTON RIVER AT MCDOUGALL MILLS
05QA005	BELL RIVER ABOVE STURGEON LAKE
05QC001	CHUKUNI RIVER NEAR EAR FALLS
05QC003	TROUTLAKE RIVER BELOW BIG FALLS
05QD006	WABIGOON RIVER NEAR QUIBELL
05QE008	CEDAR RIVER BELOW WABASKANG LAKE
05QE009	STURGEON RIVER AT OUTLET OF SALVESEN LAKE